

**GIS REGISTRY**  
**Cover Sheet**

July, 2008  
(RR 5367)

**Source Property Information**

CLOSURE DATE: Oct 13, 2008

**BRRTS #:** 02-41-184990  
**ACTIVITY NAME:** Crestwood Area Project - Heiser Ford Property  
**PROPERTY ADDRESS:** 1700 - 1800 W. Silver Spring Drive  
**MUNICIPALITY:** Glendale  
**PARCEL ID #:** 168-9022

**FID #:** 241958310  
**DATCP #:**  
**COMM #:**

**\*WTM COORDINATES:**

X: 688173 Y: 296146

*\*Coordinates are in  
WTM83, NAD83 (1991)*

**WTM COORDINATES REPRESENT:**

- Approximate Center Of Contaminant Source  
 Approximate Source Parcel Center

**Please check as appropriate:** (BRRTS Action Code)

**Contaminated Media:**

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property")*

**Land Use Controls:**

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between residential and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for  
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic  
development corporation)*

**Monitoring wells properly abandoned? (234)**

Yes  No  N/A

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-41-184990

PARCEL ID #: 168-9022

ACTIVITY NAME: Crestwood Area Project - Heiser Ford Property

WTM COORDINATES: X: 688173 Y: 296146

**CLOSURE DOCUMENTS** (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

**SOURCE LEGAL DOCUMENTS**

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.  
*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).  
**Figure #:**                      **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

**MAPS** (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.  
*Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*  
**Figure #: 2-1                      Title: Site Location Map**
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 3-20                      Title: Sewer Location Map**
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 3-10,-14-16                      Title: 4 Maps**

BRRTS #: 02-41-184990

ACTIVITY NAME: Crestwood Area Project - Heiser Ford Property

**MAPS (continued)**

**Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

**Figure #: 3-1 Title: Cross Section Location Map**

**Figure #: 3-6,3-7 Title: Geologic Cross Section E-E', F-F'**

**Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

**Note:** This is intended to show the total area of contaminated groundwater.

**Figure #: 7 Title: Total Chlorinated VOC Isoconcentration Map (March 2005)**

**Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

**Figure #: 12 Title: Area Groundwater Elevation Surface Map (Sept. 7, 2004)**

**Figure #: Title:**

**TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))**

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

**Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.  
**Note:** This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

**Table #: 1 Title: Soil Analytical Results**

**Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

**Table #: 1 Title: Groundwater Analytical Results**

**Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

**Table #: 1 Title: Groundwater Elevations**

**IMPROPERLY ABANDONED MONITORING WELLS**

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

**Note:** If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

**Not Applicable**

**Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

**Note:** If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

**Figure #: Title:**

**Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

**Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

**Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-41-184990

ACTIVITY NAME: Crestwood Area Project - Heiser Ford Property

**NOTIFICATIONS**

**Source Property**

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

**Off-Source Property**

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.  
*Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*  
**Number of "Off-Source" Letters: 4**
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.  
*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).  
**Number of "Governmental Unit/Right-Of-Way Owner" Letters: 1**

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

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BRRTS #:

ACTIVITY NAME:

| ID                             | Off-Source Property Address  | Parcel Number                         | WTM X                               | WTM Y                               |
|--------------------------------|--|---------------------------------------|-------------------------------------|-------------------------------------|
| <input type="text" value="A"/> | <input type="text" value="5650 N. Green Bay Rd, Glendale"/>        | <input type="text" value="168-9017"/> | <input type="text" value="688055"/> | <input type="text" value="296220"/> |
| <input type="text" value="B"/> | <input type="text" value="1811 W. Silver Spring Drive, Glendale"/> | <input type="text" value="195-9000"/> | <input type="text" value="688116"/> | <input type="text" value="296054"/> |
| <input type="text" value="C"/> | <input type="text" value="1735 W. Silver Spring Drive, Glendale"/> | <input type="text" value="195-9001"/> | <input type="text" value="688266"/> | <input type="text" value="296000"/> |
| <input type="text" value="D"/> | <input type="text" value="1400 W. Custer Avenue, Glendale"/>       | <input type="text" value="195-9002"/> | <input type="text" value="688565"/> | <input type="text" value="295757"/> |
| <input type="text" value="E"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |
| <input type="text" value="F"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |
| <input type="text" value="G"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |
| <input type="text" value="H"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |
| <input type="text" value="I"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-0436  
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TTY 414-263-8713

October 13, 2008

St. Francis Bank c/o Mr. Mark Treter  
Treter Law Office  
6951 Industrial Loop  
Greendale, WI 53129

**SUBJECT:** Final Case Closure with Land Use Limitations or Conditions  
Crestwood Area Project, Glendale, WI  
Heiser Ford Property, 1700 – 1800 W. Silver Spring Dr. and  
Glendale Medical Building Property, 5630 – 5666 N. Green Bay Rd.  
BRRTS Activity #: 02-41-184990 and #02-41-552635  
FID#: 241958310 and 341167420

Dear Mr. Treter:

This letter provides the final case closure approval and conditions of closure (long term maintenance requirements) for the Crestwood Area Project in Glendale. Since the remediation project began, the site property description has been re-configured to initially incorporate several parcels, and most recently to divide the property into two main parcels, with Parcel 1 occupied by the Glendale Medical building at 5650 N. Green Bay Rd. and Parcel 2 occupied by the Heiser Ford Automotive Dealership building at 1700 W. Silver Spring Drive. The addresses referenced above (1700 – 1800 W. Silver Spring Dr. and 5630 - 5666) encompassed the original cleanup site and are included within the current business addresses. Each range of addresses has now been assigned a separate identification reference for the Bureau of Remediation and Redevelopment Tracking System (BRRTS) and for the Department's GIS Registry of Closed Remediation Cases. Because both parcels were investigated and remediated as one project, documentation is contained in one set of reports and Department responses. All documents will be filed in the 1700 - 1800 W. Silver Spring Dr. file (FID#241958310). Only the Department case closure letter and maintenance plans will be filed in the 5630 to 5666 N. Green Bay Rd. case file (FID#341167420).

On December 5, 2007, the Wisconsin Department of Natural Resources Southeast Region Closure Committee reviewed the above referenced case, which included both the Silver Spring Dr. and Green Bay Rd. parcels, for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On January 29, 2008, you were notified that the Closure Committee had granted conditional closure to this case (both parcels), requiring you to submit documentation that all monitor wells, injection wells, and soil vapor extraction system wells had been properly abandoned.

On June 23, 2008, the Department received correspondence indicating that you have complied with the final requirements of closure for both parcels. Specifically, your consultant, Arcadis, provided documentation stating that the project groundwater monitor wells, soil vapor extraction system and injection wells had been properly abandoned for both parcels and that all investigative waste had been previously removed from the site in accordance with state law.

The remediation project conducted on both properties included soil vapor extraction, enhanced reductive dechlorination by injection to groundwater, incorporation of redevelopment features as surface barriers, and installation of wind turbine driven vapor interceptor systems under the new buildings constructed on the site. A plan for the long-term maintenance of the site-wide infiltration and direct contact barriers and vapor interceptor systems contained on both properties has been approved by the Department for inclusion with the site information placed on the Department's GIS Registry of closed remediation cases.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed (both BRRTS and FID numbers) and no further investigation or remediation is required at this time. Please carefully read the conditions of closure, as they impose long-term maintenance requirements for the remedial features (barriers and vapor systems) that will remain at the site.

### **GIS Registry**

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier.
- Soil vapor interceptor systems under site buildings must be maintained, and the state must approve any changes to these systems.
- Groundwater contamination is present above Chapter NR 140 enforcement standards.

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

### **Closure Conditions**

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which the current property owners and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

### **Remaining Residual Soil Contamination**

Residual soil contamination remains across the site (both properties), as indicated in the information submitted to the Department of Natural Resources. If soil is excavated at either property in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of both properties need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

### **Cover or Barrier**

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement, soil cover, buildings and vapor interceptor systems that currently exist on the 1700 – 1800 W. Silver Spring Dr. and 5630 – 5666 N. Green Bay Rd. parcels, in the locations shown on the attached map, shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil or soil vapor contamination that might otherwise pose a threat to human health.

A copy of the attached maintenance plan and a separate inspection log are to be kept up-to-date and on-site at each property, and the inspection logs need only be submitted to the Department upon request.

### **Prohibited Activities**

The following activities are prohibited on any portion of both properties where pavement, a building foundation, soil cover, engineered cap or other barrier is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

### **Remaining Residual Groundwater Contamination**

Groundwater impacted by chlorinated solvent contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present each of the two contaminated properties and off the contaminated properties. Off-property owners have been notified of the presence of groundwater contamination. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

## Vapor Migration

In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or migration along newly placed underground utility lines on both properties. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Pam Mylotta at 414-263-8758.

Sincerely,



James A. Schmidt  
Southeast Region Remediation & Redevelopment Team Supervisor  
Wisconsin Department of Natural Resources

Attachment: Barrier Maintenance Plan and Inspection Log

cc: Jennine Trask - Arcadis  
Jim Jacques – Heiser Ford Dealership  
Dan Walsh – Siegel-Gallagher, Inc.

# ARCADIS

## Site Maintenance Plan

Crestwood Site Glendale,  
Wisconsin

November 2006

### Site Maintenance Plan

November 16, 2006

Property located at:

5666 N Green Bay Road & 1720-1800 W Silver Spring Dr

Glendale, WI 53209

FID# 241958310, BRRTS #02-41-184990

### Introduction

This document is the Site Maintenance Plan for a pavement/soil cover, building barrier, and passive vapor control system at the property described in Exhibit A in accordance with the requirements of s. NR 724.13(2), Wis. Adm. Code. The maintenance activities relate to the existing slab-on-grade buildings, paved/landscaped surfaces, and passive vapor control systems occupying the area over the soil containing residual impacts on the site. The contaminated soil is impacted by chlorinated volatile organic compounds (CVOCs). The location of the paved/landscaped surfaces, buildings, and passive vapor control systems to be maintained in accordance with this maintenance plan are identified in the attached map (Exhibit A).

A copy of this Site Maintenance Plan shall at all times be kept on file in the offices of: (1) the Wisconsin Department of Natural Resources, Southeast Region; (2) the owner of the site, its successors and assigns (hereinafter identified collectively as the "Owner"); and (3) the site Property Manager, if any. The Site Maintenance Plan shall be made available by Owner to contractors, utilities and maintenance personnel and any other public or private persons or entities authorized to perform work at the site.

The Wisconsin Department of Natural Resources and its successor and assigns (hereinafter identified collectively as the "Department") shall be notified of any activity which is not performed in accordance with this Site Maintenance Plan.

### Contact Barrier and Vapor Control System Purpose

The Contact Barrier consists of a minimum of two feet of clean, imported soil in landscaped areas and concrete or asphalt pavement underlain by a minimum of six inches of clean, imported soil or aggregate in all other areas. The Passive Vapor Control System consists of the piping and associated turbine vent fixtures, which extend from below the building floor to the roof and is an integral part of the contact barrier

## Site Maintenance Plan

Crestwood Site Glendale,  
Wisconsin

November 2006

## ARCADIS

design. The purpose of the Contact Barrier and Passive Vapor Control System is to protect human health and the environment from direct contact with contaminated soils or soil vapors. The Contact Barrier also acts as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR 170, Wis. Adm. Code. Based on the current and future use of the property, the barrier and vapor control systems should function as intended unless disturbed.

### Required Activities

**Annual Inspections** - Not less than annually, normally in the spring after all snow and ice is gone, the site shall be inspected by the Owner to ensure that the integrity of the Contact Barrier is maintained and that no significant fissures or cracks develop in the soil, asphalt, or concrete caps, which could permit increased infiltration of surface water or contact with the underlying soils to occur. Any disturbances of the Contact Barriers or significant fissures or cracks in the soil, asphalt, or concrete cap shall be documented.

In addition, an annual inspection will be made of the Passive Vapor Control System exhaust vent pipes and turbines to ensure they are unobstructed and operating properly. This inspection shall include all aboveground portions of the system to the termination of the vents at the roof level. If the wind turbines on the roofline do not turn readily under moderate wind conditions, they need to be inspected and repaired. Any obstructions or damage to the vapor control system shall be documented.

A log of the inspections and recommendations for necessary repairs will be maintained by the property owner and is included as Exhibit B, Cap Inspection Log. A copy of the inspection log shall be kept on file by the Owner and/or the Property manager, if any, and shall be made available for inspection by the Department, upon reasonable notice, during normal business hours.

**Repairs to Contact Barrier and Vapor Control System** - If, during the annual inspection or other routine inspections of the site, the Contact Barriers and/or the Passive Vapor Control Systems are observed to have been disturbed or significant fissures or cracks are observed in the soil, asphalt, or concrete caps, the Owner shall arrange to have repairs made to such areas in a manner consistent with this Site Maintenance Plan. Such repairs shall be carried out within a reasonable period of time, not to exceed 120 days, subject to weather and seasonal considerations. Any repairs completed should be documented in the inspection log kept on site.

**Landscaping Maintenance** - The Owner shall maintain the vegetative cover in landscaped areas according to the custom and practice of the landscaping industry applicable to similarly situated properties in the Metropolitan Milwaukee area. In the event that it becomes necessary to perform landscaping activities that could penetrate the Contact Barrier and extend into contaminated soil below, the following steps shall be taken:

1. The contractor performing the work shall be provided with a copy of this Site Maintenance Plan by Owner and shall prepare a health and safety plan, appropriate for the work being performed, to protect workers from any significant or health threatening exposure to contaminated soils that underlie the Contact Barrier.
2. Any excavated clean soils from the Contact Barrier shall be kept separate from any excavated contaminated soils to allow reconstruction of the Contact Barrier on completion of the work. Any excavation into the contaminated soils located beneath the Contact Barrier shall be performed in accordance with the health and safety plan, and any excavated contaminated soil shall be segregated and kept on site until completion of the work. All contaminated soils shall be stored on, and covered with, plastic sheeting to minimize the potential for contaminant migration.
3. Upon completion of the work, previously excavated contaminated soils may be placed back into the excavation, but only to the extent that such replacement does not interfere with the replacement and maintenance of the minimum of two feet of clean soil cover (Contact Barrier) over the area of the excavation. The Contact Barrier soil and any additional clean soil necessary to bring the excavation to grade or meet the two-foot minimum thickness requirement shall be replaced in such a way to maintain the minimum two-foot thickness. The replaced Contact Barrier and any adjacent disturbed areas shall be seeded and/or mulched in a manner consistent with the landscape plan for the areas and standard landscaping custom and practice.
4. Any excess contaminated soils that cannot be replaced in the excavation shall be tested, managed, and disposed of in accordance with all applicable regulations.
5. A memorandum report shall be prepared describing the work performed, identifying the person(s) performing the work and the date of the work, and confirming that the Site Maintenance Plan was adhered to in completion of the work. A copy of the report shall be kept on file by the Owner, and/or the Property manager, if any, and shall be made available for inspection by the Department, upon reasonable notice, during normal business hours.

**Pavement Replacement and Repairs** - If it becomes necessary or desirable to replace or repair pavement (including concrete floor slabs of structures), the repair or replacement shall be undertaken in the following manner:

1. The contractor performing the work shall be provided with a copy of this Site Maintenance Plan by Owner and shall prepare a health and safety plan, appropriate for the work being performed, to protect workers from any significant or health threatening exposure to contaminated soils that underlie the Contact Barrier.
2. Any excavated clean soils from the Contact Barrier shall be kept separate from any excavated contaminated soils to allow reconstruction of the Contact Barrier on completion of the work. Contact Barrier soils beneath pavements consist of granular structural stone. Any excavation into the contaminated soils located beneath the Contact Barrier shall be performed in accordance with the health and safety plan, and any excavated contaminated soil shall be segregated and kept on site until completion of the work. All contaminated soils shall be stored on, and covered with, plastic sheeting to minimize the potential for contaminant migration.
3. Upon completion of the work, previously excavated contaminated soils may be placed back into the excavation, but only to the extent that such replacement does not interfere with the replacement and maintenance of the minimum of six inches of clean soil or aggregate and overlying pavement (Contact Barrier) over the area of the excavation. The Contact Barrier soil and any additional clean soil necessary to bring the excavation to pavement subgrade shall be replaced in such a way to maintain the minimum six-inch thickness and structural requirements of the pavement to be replaced. The area of repaired/replaced pavement and any adjacent disturbed areas shall be paved in a manner consistent with their original condition.
4. Any excess contaminated soils that cannot be replaced in the excavation shall be tested, managed, and disposed of in accordance with all applicable regulations.
5. A memorandum report shall be prepared describing the work performed, identifying the person(s) performing the work and the date of the work, and confirming that the Site Maintenance Plan was adhered to in completion of the work. A copy of the report shall be kept on file by the Owner, and/or the Property manager, if any, and shall be made available for inspection by the Department, upon reasonable notice, during normal business hours.

**Utility Installations or Repairs** - No utility repairs or installation of new or replacement utilities shall be conducted on the site until after the utility and any contractor(s) for the

utility have acknowledged receipt of a copy of this Site Maintenance Plan. The utility repairs or installation(s) shall be conducted in strict conformance with the standards set forth below with respect to excavations into and/or beneath the Contact Barrier:

1. The utility or contractor performing the work shall be provided with a copy of this Site Maintenance Plan by Owner and shall prepare a health and safety plan, appropriate for the work being performed, to protect workers from any significant or health threatening exposure to contaminated soils that underlie the Contact Barrier.
2. Any excavated clean soils from the Contact Barrier shall be kept separate from any excavated contaminated soils to allow reconstruction of the Contact Barrier on completion of the work. Any excavation into the contaminated soils located beneath the Contact Barrier shall be performed in accordance with the health and safety plan, and any excavated contaminated soil shall be segregated and kept on site until completion of the work. All contaminated soils shall be stored on, and covered with, plastic sheeting to minimize the potential for contaminant migration. Utility trenches may be backfilled to a maximum of six inches above the utility line. Excavated contaminated soils shall be utilized as backfill above this depth to the base of the Contact Barrier, but only to the extent that such replacement does not interfere with the replacement and maintenance of the Contact Barrier over the area of the excavation. The Contact Barrier soil and any additional clean soil necessary to bring the excavation to required grade requirement shall be replaced in such a way to maintain the thickness requirement (6 inches beneath pavements, two feet in unpaved areas). In landscaped areas, the replaced Contact Barrier and any adjacent disturbed areas shall be seeded and/or mulched in a manner consistent with the landscape plan for the areas and standard landscaping practices. In paved areas, pavement removed during utility construction/repair and any adjacent disturbed areas shall be paved in a manner consistent with their original condition.
3. Any excess contaminated soils that cannot be replaced in the excavation shall be tested, managed, and disposed of in accordance with all applicable regulations.
4. If the utility installation or construction involves any disturbance of the seals used to seal the entrance of utility lines and the structures on the site, such seals shall be replaced with new seals of like or superior quality.
5. A memorandum report shall be prepared describing the work performed, identifying the person(s) performing the work and the date of the work, and confirming that the Site Maintenance Plan was adhered to in completion of the work. A copy of the report shall be kept on file by the Owner, and/or the Property manager, if any, and

# ARCADIS

## Site Maintenance Plan

Crestwood Site Glendale,  
Wisconsin

November 2006

shall be made available for inspection by the Department, upon reasonable notice, during normal business hours.

### Amendment or Withdrawal of Site Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successor with the written approval of the Department.

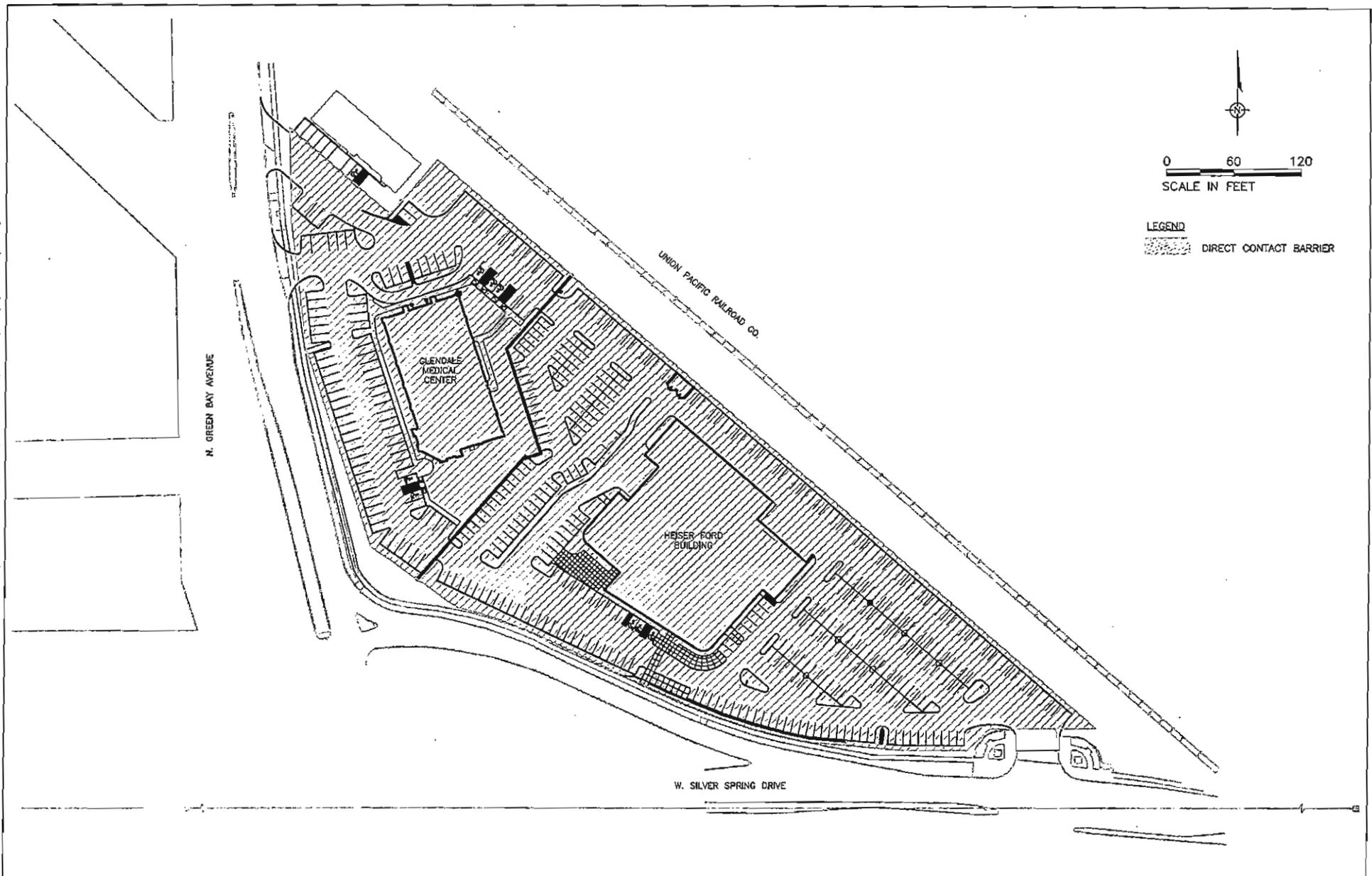
### Contact Information

Site Owner and Operator:

Consultant: ARCADIS  
Jennine Cota Trask  
126 N. Jefferson Street, Ste 400  
Milwaukee, WI 53202

Department: Pam Mylotta  
Wisconsin Department of Natural Resources  
2300 North Martin Luther King Drive  
Milwaukee, WI 53212

User Name : mrc006  
 Acad Version : RT16.1s (LMS Tech)  
 © 2007 ARCADIS GBA, Inc.  
 Current Plotfile : B:\color  
 Date\Time : Wed, 31 Jan 2007 -- 11:24am  
 Page Solver : E:\00-85111  
 Plot Jobfile : A:\EST-20\ARCADIS\cib  
 Layout Tab : SITE MAP  
 Path Name : G:\Project\Utilities\W0799\Remediation\Cad\Cop\Main Layout.dwg



CONTACT BARRIER LOCATION

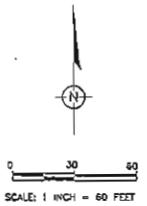
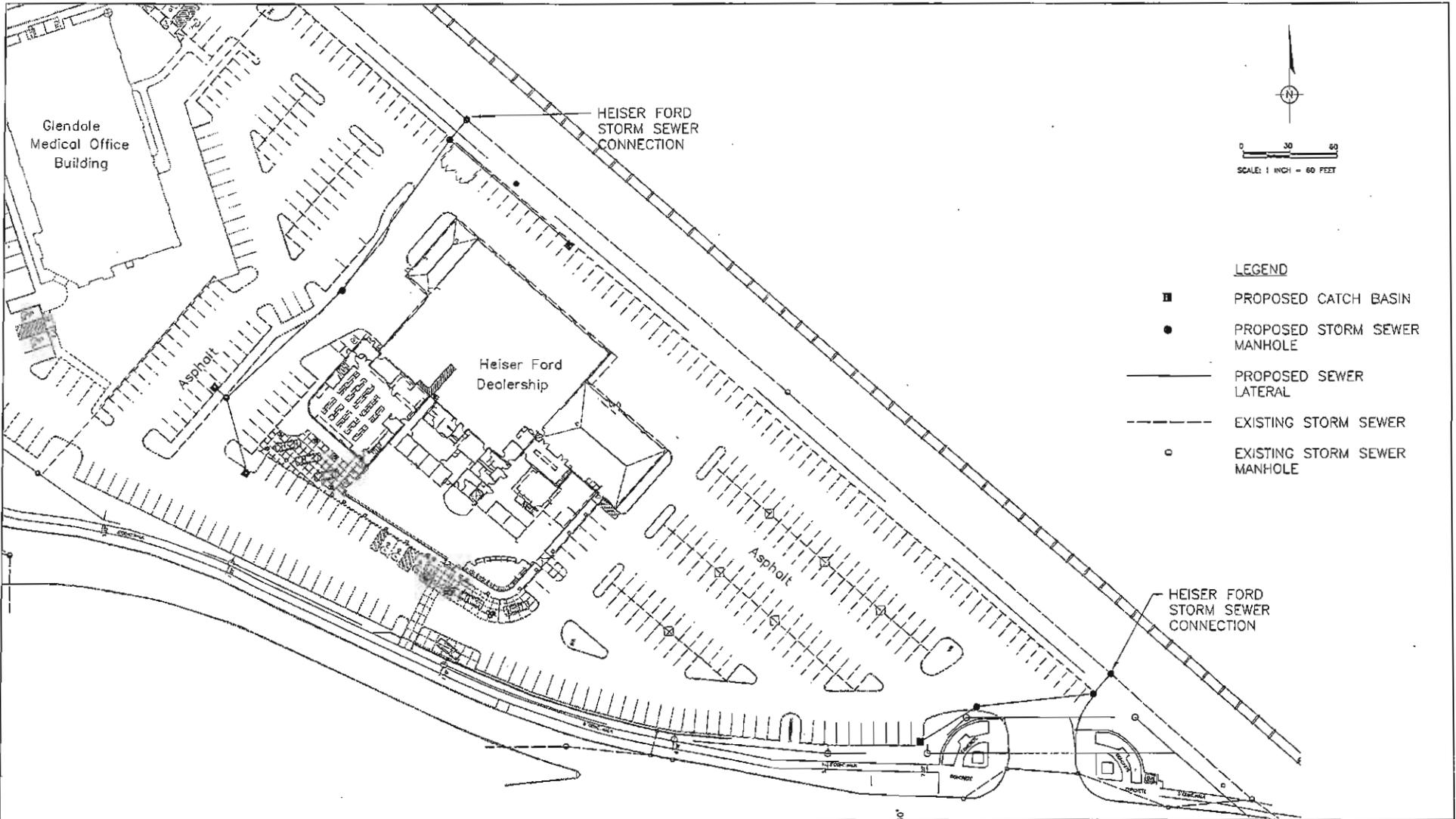
CRESTWOOD SITE  
 GLENDALE, WISCONSIN

|                  |            |
|------------------|------------|
| Area Manager     | S. GLENN   |
| Project Director | M. MAIERLE |
| Task Manager     | J. TRASK   |
| Technical Review | J. TRASK   |



126 North Jefferson Street, Suite 400  
 Milwaukee, Wisconsin 53202  
 Tel: 414-276-7742 Fax: 414-276-7603  
 www.arcadis-us.com

|                |              |
|----------------|--------------|
| Project Number | WI000794     |
| Drawing Date   | JAN 31, 2007 |
| Exhibit        | A            |



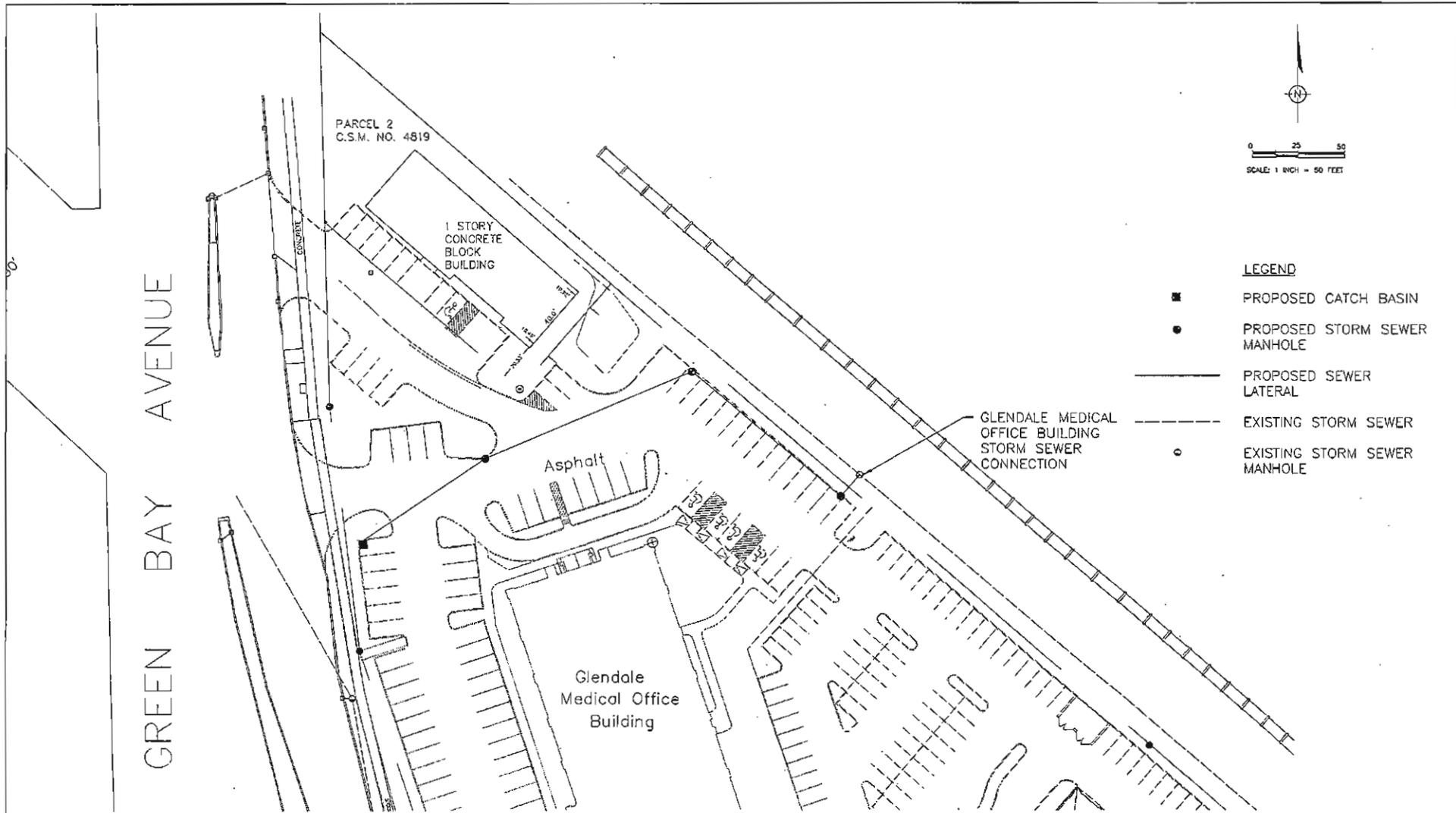
- LEGEND**
- PROPOSED CATCH BASIN
  - PROPOSED STORM SEWER MANHOLE
  - PROPOSED SEWER LATERAL
  - - - EXISTING STORM SEWER
  - EXISTING STORM SEWER MANHOLE

WEST SILVER SPRING DRIVE



STORM SEWER CONNECTION LOCATIONS  
 HEISER FORD  
 CRESTWOOD SITE  
 GLENDALE, WISCONSIN

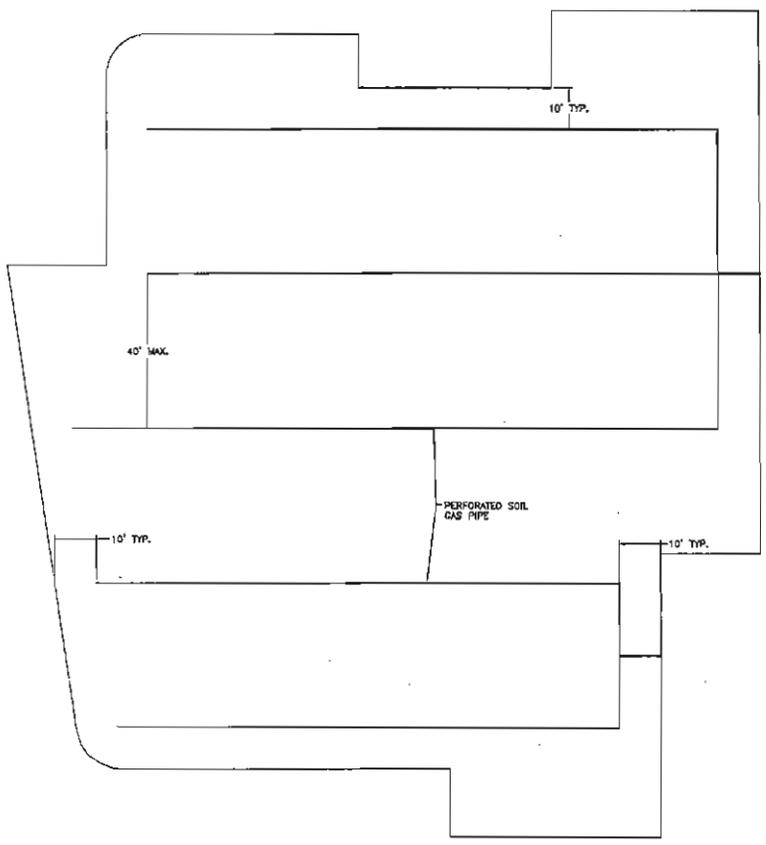
FIGURE  
 K-1



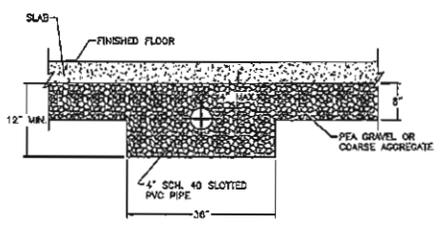
**STORM SEWER CONNECTION LOCATIONS  
GLENDALE MEDICAL OFFICE BUILDING**  
CRESTWOOD SITE  
GLENDALE, WISCONSIN

FIGURE  
**J-1**

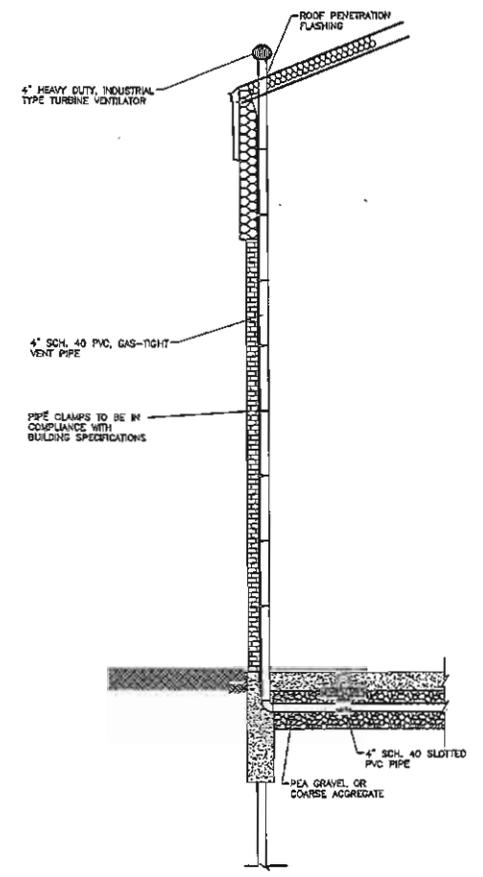
C:\projects\chicago\16161794\resolutions\add\respon\final\7-3 Heiser Venting.dwg



**TYPICAL SYSTEM LAYOUT**  
SCALE: 1" = 30'



**COLLECTION PIPE CROSS SECTION**  
NOT TO SCALE



**DISCHARGE PIPE SECTION (TYP.)**  
NOT TO SCALE

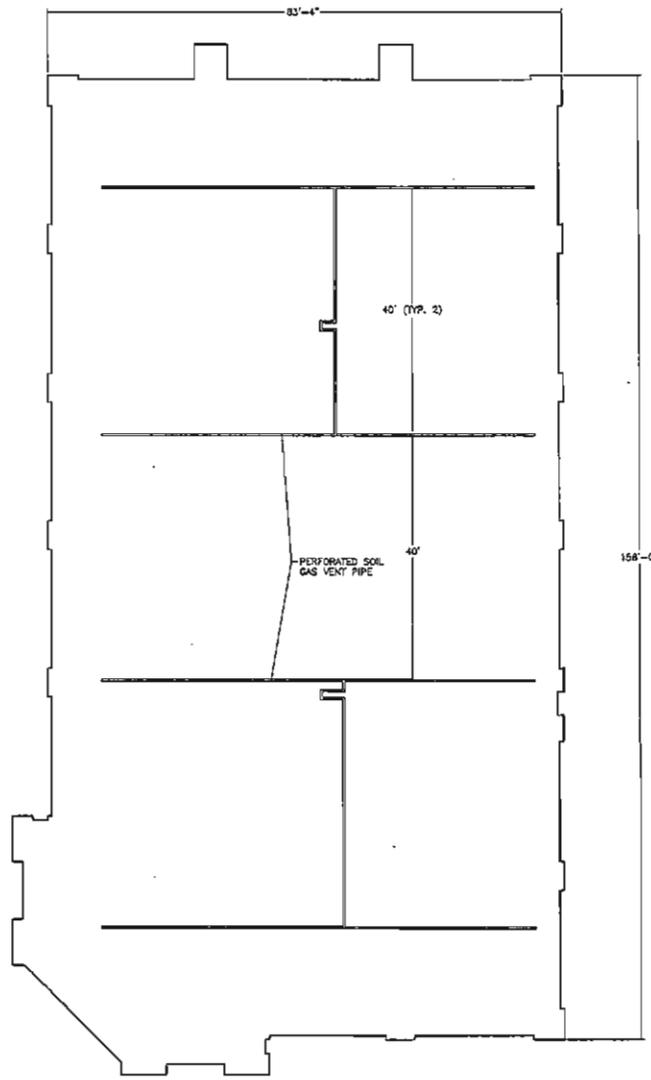
NOTE:  
1. EXACT LOCATIONS OF VENT RISER PIPE SHOULD BE DETERMINED BY OWNER. RISER PIPE MAY BE LOCATED IN BUILDING (NOT SHOWN).



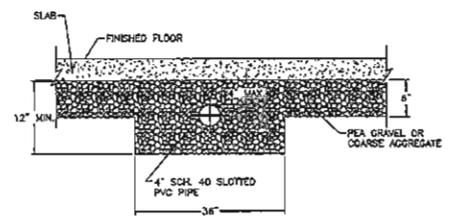
**PASSIVE VENTING SYSTEM**  
**HEISER FORD AUTO DEALERSHIP**  
CRESTWOOD SITE  
GLENDALE, WISCONSIN

**FIGURE**  
**7-3**

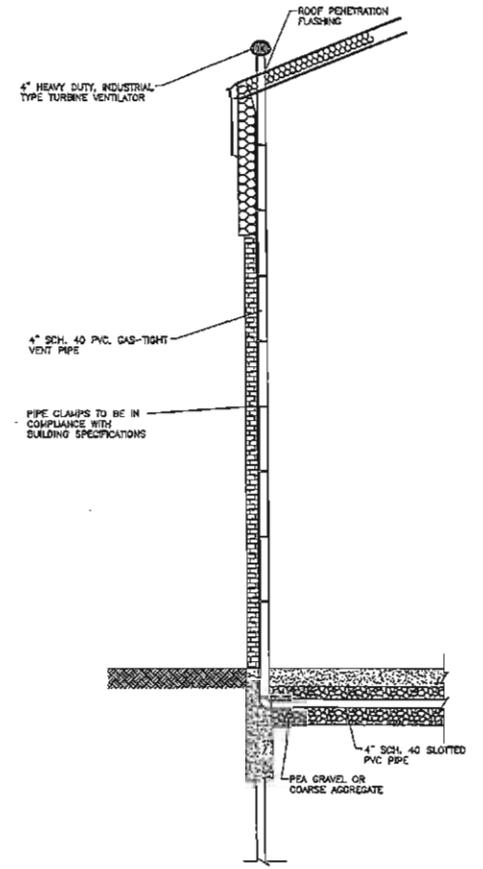
G:\projects\unibc\sw\079\unimed\onca\ktr\report\final\7-2 mob venting.dwg



**TYPICAL SYSTEM LAYOUT**  
SCALE 1" = 20'



**COLLECTION PIPE CROSS SECTION**  
NOT TO SCALE



**DISCHARGE PIPE SECTION (TYP.)**  
NOT TO SCALE



**PASSIVE VENTING SYSTEM**  
**GLENDALE MEDICAL OFFICE BUILDING**  
CRESTWOOD SITE  
GLENDALE, WISCONSIN

**FIGURE**  
**7-2**

**Exhibit B**  
**Barrier INSPECTION LOG**

| <b>Inspection Date</b> | <b>Inspector</b> | <b>Condition of Cap</b> | <b>Recommendations</b> | <b>Have Recommendations from previous inspection been implemented?</b> |
|------------------------|------------------|-------------------------|------------------------|--|
|                        |                  |                         |                        |  |
|                        |                  |                         |                        |  |
|                        |                  |                         |                        |  |
|                        |                  |                         |                        |  |
|                        |                  |                         |                        |  |
|                        |                  |                         |                        |  |
|                        |                  |                         |                        |  |



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8716  
TTY 414-263-8713

October 13, 2008

Mr. Jim Jacques  
Heiser Ford Dealership  
1700 W. Silver Spring Drive  
Glendale, WI 53209

**SUBJECT:** Notification of Land Use Limitations or Conditions and the Requirements for Your Property –  
Heiser Ford Dealership, 1700 W. Silver Spring Drive, Glendale  
Final Case Closure for Crestwood Area Project – Heiser Ford Property, WI  
WDNR BRRTS Activity #: 0241184990, FID#241958310

Dear Mr. Jacques:

The purpose of this letter is to notify you of your responsibilities for complying with long-term maintenance or conditions on your property, as a result of the contamination case closure granted for the above referenced case. A copy of the Department's closure decision letter outlining your responsibilities as the owner of an affected property is attached. Based on the Department's review and approval of the site investigation and remediation actions taken to address the chlorinated solvent contamination identified in soil and groundwater at this property, the Department considers this case closed based on the information submitted to the Department, and no further investigation or remediation is required at this time. The case closure decision was also based on the requirement for long-term maintenance of certain remediation features, as described below.

### Conditions Applicable to Your Property – 1700 W. Silver Spring Drive, Glendale

The following conditions apply to your property, as described in the attached case closure letter. These conditions are in accordance with the requirements in s. 292.12, Wis. Stats. As the property owner, you are responsible for compliance with them, unless you enter into a legally binding agreement (such as a contract) with someone else to take responsibility for compliance with them. You, and any subsequent property owners, are also responsible for notifying the Department before making any changes to the property that would affect any of the conditions applied to the property.

- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil. The state must approve any changes to this barrier. You need to notify the Department before construction of a building, installation of utilities or any other activity that disturbs in whole or part of pavement, an engineered cover or a soil barrier over contaminated soil.
- A vapor barrier system was incorporated into the building that exists on the site and must be maintained.
- A maintenance plan and inspection log for the barriers must be kept up to date and on site available for inspection by the Department. A copy of these documents is enclosed.
- Notify the Department if a building will be constructed in the future. A vapor extraction system may need to be incorporated into the building design.
- If moved, any residual contamination or debris must be managed in accordance with applicable state and federal laws.

Written notifications in accordance with the above requirements must be sent to:

Remediation & Redevelopment Program Assistant  
Wisconsin Department of Natural Resources Southeast Region  
2300 N. Dr. Martin Luther King Jr. Drive, Milwaukee, WI 53212

Information that was submitted with the closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

If you have any questions regarding this closure decision or anything outlined in this letter, please contact Pam Mylotta at (414) 263-8758.

Sincerely,



James A. Schmidt  
Southeast Region Remediation & Redevelopment Team Supervisor  
Wisconsin Department of Natural Resources

Attachment: Case Closure Letter, Barrier Maintenance Plan and Inspection Log

cc: St. Francis Bank c/o Mr. Mark Treter  
Jennine Trask - Arcadis

DOC. # 8489217

STATE BAR OF WISCONSIN FORM 1 - 2000  
WARRANTY DEED

REGISTER'S OFFICE | SS  
Milwaukee County, WI

REEL

RECORDED AT 1:05 PM

04-02-2003

JOHN LA FAYE  
REGISTER OF DEEDS

5552

AMOUNT 15.00

IMAGE

3261

Document Number

**This Deed**, made between Silver Spring Property of Milwaukee, LLC, a Wisconsin limited liability company Grantor, and Heiser Ford, Inc., a Wisconsin corporation, Grantee.

Grantor, for a valuable consideration, conveys to Grantee the following described real estate in Milwaukee County, State of Wisconsin (the "Property") (if more space is needed, please attach addendum):

Parcel Two (2) of CERTIFIED SURVEY MAP NO. 7062, being a Redivision of Parcels One (1), Two (2) and Three (3) of Certified Survey Map No. 2451, part of Parcel One (1) of Certified Survey Map No. 4819 and lands in the Southwest One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Thirty (30), in Township Eight (8) North, Range Twenty-two (22) East, in the City of Glendale, County of Milwaukee, State of Wisconsin, recorded in the Office of the Register of Deeds for Milwaukee County on January 16, 2002, as Document No. 8203854.

**TRANSFER**

\$13,575.00  
**FEE**

Recording Area

Name and Return Address  
Stephen L. Chernof  
Godfrey & Kahn, S.C.  
780 North Water Street  
Milwaukee, WI 53202

Together with all appurtenant rights, title and interests.

168-9022

Parcel Identification Number (PIN)

This is not homestead property.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except as set forth on Exhibit A attached hereto and made a part hereof.

Dated this 28th day of March, 2003.

SILVER SPRING PROPERTY OF MILWAUKEE, LLC

*Stephen A. Sadek*  
\*Stephen A. Sadek, Member

**AUTHENTICATION**

Signature(s) \_\_\_\_\_ authenticated this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

**ACKNOWLEDGMENT**

STATE OF WISCONSIN )  
MILWAUKEE COUNTY ) ss.

Personally came before me this 28th day of March, 2003, the above named Stephen A. Sadek, as member of Silver Spring Property of Milwaukee, LLC to me known to be the person who executed the foregoing instrument and acknowledged the same on behalf of the limited liability company.

TITLE: MEMBER STATE BAR OF WISCONSIN  
(If not, \_\_\_\_\_ authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY  
Stephen L. Chernof

*Barbara J. Kingsberg*  
Notary Public, State of Wisconsin

My Commission is permanent. (If not, state expiration date 02-20-05)

(Signatures may be authenticated or acknowledged. Both are not necessary.)

3

REEL

5552

IMAGE

3262

Exhibit A

Permitted Encumbrances

1. General taxes for the year 2003 and subsequent years, not yet due and payable.
2. Rights of the public in so much of the subject premises as are affected by Ordinance adopted by the Board of Supervisors of Milwaukee County on June 29, 1926, and approved by the various towns in said County establishing the width of Green Bay Road at 120 feet, and ordaining that said highway be widened to the width so established: together with rights of the public in that portion of said premises lying within the limits of said road and not affected by said ordinance. A notice and plat, etc., in said matter was filed on November 12, 1926, as No 1410.
3. Utility Easement recorded on February 6, 1948 in Volume 2461 of Deeds at page 438, as Document No. 2769581.
4. Utility Easement recorded on July 2, 1957 in Volume 4342 of Deeds at page 1524, as Document No. 7558347.
5. Utility Easement recorded on July 8, 1957 in Volume 3718 of Deeds at page 307, as Document No. 3591113.
6. Declaration of Easement and Restrictions recorded on November 22, 1974 in Reel 822, Image 1309, as Document No. 4883785. Said easement is for ingress and egress, off street parking and public utilities and affects portions of Parcels 1, 2 and 3 on the recorded plat of Certified Survey Map No. 2451. Partial Extinguishment and Termination of Easement by and between T&L Glass Service, Inc. and the Community Development Authority of the City of Glendale recorded on January 29, 2002 in Reel 5252, Image 3951, as Document No. 8213659.
7. Access restrictions and limitations as contained in an Award of Damages for Access Rights by State Highway Commission recorded on March 13, 1957 in Volume 3679 of Deeds at page 38, as Document No. 3564113, and in an Award of Damages for Highway Rights by Sate Highway Commission recorded on March 13, 1957 in Volume 3679 of Deeds at page 44, as Document No. 3564116.
8. Utility Easement recorded on November 25, 1975 in Reel 893, Image 857, as Document No. 4963150.
9. Utility Easement recorded on December 14, 2000 as Document No. 8000855.
10. Access restriction to North Green Bay Avenue (S.T.H. 57) and West Silver Spring Drive as shown on the recorded plat of Certified Survey Map No. 7062.

11. Access restriction as noted on the recorded plat of Certified Survey Map No. 7062, reciting as follows: All lots and blocks are hereby restricted so that no owner, possessor, user, licensee or other person may have any right of direct vehicular ingress from or egress to any highway lying within the right-of-way of S.T.H. "57" except as shown hereon, it is expressly intended that this restriction for the benefit of the public as provided in S. 236.293, Stats, and shall be enforceable by the department or its assigns. Any access allowed by special exception shall be confirmed and granted only through the driveway permitting process and all permits are revocable.
12. Noise Abatement as shown on the recorded plat of Certified Survey Map No. 7062, reciting as follows: The lots of this land division may experience noise at levels exceeding the levels in S. Trans 405.04 Table 1. These levels are based on federal standards. The department of transportation is not responsible for abating noise from existing state trunk highways or connecting highways, in the absence of any increase by the department of the highway's through-lane capacity.
13. Negotiated Agreement and Remediation Agreement contained in a Deed Notice recorded on December 26, 2001 as Document No. 8190233.
14. Access restriction contained in a Quit Claim Deed recorded on December 14, 2001 as Document No. 8184924.
15. Overhead wire facilities affecting portions of the premises described herein, as shown on an ALTA/ACSM Land Title Survey prepared by National Survey & Engineering under a date of December 14, 2001 as Survey No. 159252.
16. Municipal Utility Easement recorded on April 3, 2002 in Reel 5298, Image 1076, as Document No. 8255307.
17. Cross Easement Agreement recorded on October 8, 1986 in Reel 1970, Image 581, as Document No. 5971157.
18. Utility Easement recorded on July 31, 2002 as Document No. 8323099.
19. Utility Easement recorded on February 20, 2003 in Reel 5523, Image 2750, as Document No. 8459211.
20. Utility Easement recorded on December 9, 2002 in Reel 5472, Image 6927, as Document No. 8404787.

REEL

5552

IMAGE

3263

# CERTIFIED SURVEY MAP NO. 7062

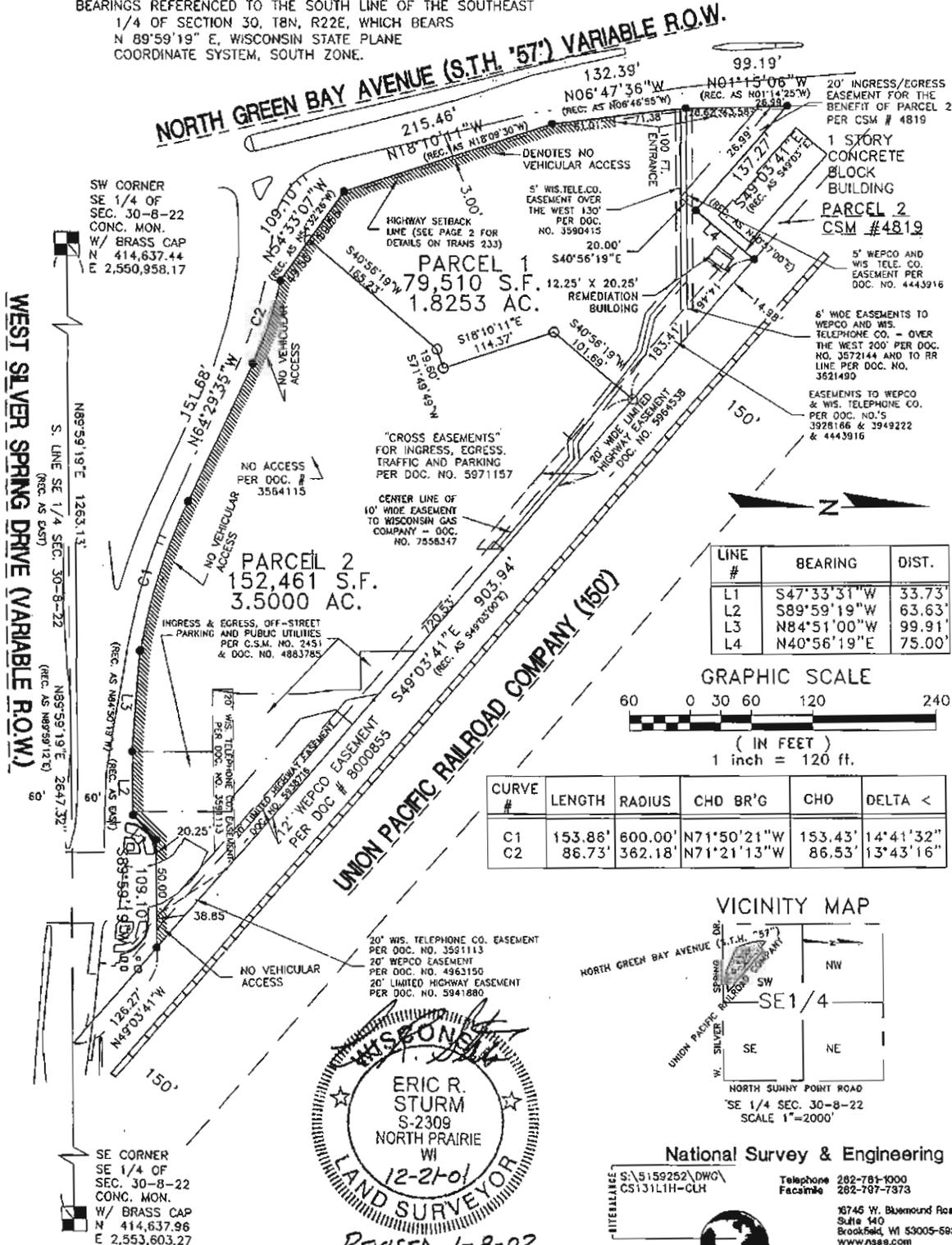
A REDIVISION OF PARCELS 1, 2, AND 3 OF CERTIFIED SURVEY MAP NO. 2451, PART OF PARCEL 1 OF CSM 4819 AND LANDS ALL IN THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 30, TOWN 8 NORTH, RANGE 22 EAST IN THE CITY OF GLENDALE, MILWAUKEE COUNTY, WISCONSIN

○ INDICATES 1.315" O.D. IRON PIPE - SET WEIGHING 1.65 LBS PER LINEAL FOOT, 24" IN LENGTH.

● INDICATES 1" IRON PIPE - FOUND

ALL DIMENSIONS MEASURED TO THE NEAREST HUNDREDTH OF A FOOT

BEARINGS REFERENCED TO THE SOUTH LINE OF THE SOUTHEAST 1/4 OF SECTION 30, T8N, R22E, WHICH BEARS N 89°59'19" E, WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.



**WISCONSIN LAND SURVEYOR**  
 ERIC R. STURM  
 S-2309  
 NORTH PRAIRIE, WI  
 12-21-01

REVISED 1-8-02

**National Survey & Engineering**  
 Telephone 282-781-1000  
 Facsimile 282-787-7373  
 16745 W. Bluemound Road  
 Suite 40  
 Brookfield, WI 53005-5938  
 www.nssa.com

CERTIFIED SURVEY MAP NO. 7062

A redivision of Parcels 1, 2, and 3 of Certified Survey Map No. 2451, part of Parcel 1 of Certified Survey Map No. 4819, and lands all in the Southwest 1/4 of the Southeast 1/4 of Section 30, Town 8 North, Range 22 East, in the City of Glendale, Milwaukee County, Wisconsin.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN }  
                                  :SS  
WAUKESHA COUNTY    }

I, ERIC R. STURM, Registered Land Surveyor, do hereby certify:

THAT I have surveyed, divided and mapped a redivision of Parcels 1, 2, and 3 of Certified Survey Map No. 2451, part of Parcel 1 of Certified Survey Map No. 4819, and lands all in the Southwest 1/4 of the Southeast 1/4 of Section 30, Town 8 North, Range 22 East, in the City of Glendale, Milwaukee County, Wisconsin, bounded and described as follows:

COMMENCING at the Southwest corner of said 1/4 Section; thence North 89°59'19" East along the South line of said 1/4 Section 1263.13 feet to a point on the South line of the Union Pacific Railroad Company right-of-way; thence North 49°03'41" West along said South line 126.27 feet to the point of beginning of said lands to be described; thence South 89°59'19" West 109.10 feet to a point; thence South 47°33'31" West 33.73 feet to a point; thence South 89°59'19" West 63.63 feet to a point; thence North 84°51'00" West 99.91 feet to a point; thence Northwesterly 153.86 feet and the arc of a curve whose center lies to the North, whose radius is 600.00 feet and whose chord bears North 71°50'21" West 153.43 feet to a point; thence North 64°29'35" West 151.68 feet to a point; thence Northwesterly 86.73 feet along said North line and the arc of a curve whose center lies to the Southwest, whose radius is 362.18 feet and whose chord bears North 71°21'13" West 86.53 feet to a point; thence North 54°33'07" West 109.10 feet to a point; thence North 18°10'11" West 215.46 feet to a point; thence North 06°47'36" West 132.39 feet to a point; thence North 01°15'06" West 99.19 feet to a point; thence South 49°03'41" East 137.27 feet to a point; thence North 40°56'19" East 75.00 feet to a point; thence South 49°03'41" East 903.94 feet to the point of beginning.

THAT I have made the survey, land division and map by the direction of COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF GLENDALE, WISCONSIN, owner of said land.

THAT the map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

THAT I have fully complied with Chapter 236 of the Wisconsin Statutes, and the Land Division Regulations of the City of Glendale in surveying, dividing and mapping the same.



DATE DECEMBER 21, 2001 ERIC R. STURM (SEAL)  
REVISED JAN. 8, 2002 REGISTERED LAND SURVEYOR S-2309

REEL 5243  
IMAGE 5608

CERTIFIED SURVEY MAP NO. 7062

A redivision of Parcels 1, 2, and 3 of Certified Survey Map No. 2451, part of Parcel 1 of Certified Survey Map No. 4819, and lands all in the Southwest 1/4 of the Southeast 1/4 of Section 30, Town 8 North, Range 22 East, in the City of Glendale, Milwaukee County, Wisconsin.

ACCESS RESTRICTION

All lots and blocks are hereby restricted so that no owner, possessor, user, licensee or other person may have any right of direct vehicular ingress from or egress to any highway lying within the right-of-way of S.T.H. "57" except as shown hereon, it is expressly intended that this restriction constitute a restriction for the benefit of the public as provided in s. 236.293, Stats., and shall be enforceable by the department or its assigns. Any access allowed by special exception shall be confirmed and granted only through the driveway permitting process and all permits are revocable.

HIGHWAY SETBACK RESTRICTION

No improvements or structures are allowed between the right-of-way line and the highway setback line. Improvements and structures include, but are not limited to, signs, parking areas, driveways, wells, septic systems, drainage facilities, buildings and retaining walls. It is expressly intended that this restriction is for the benefit of the public as provided in section 236.293, Wisconsin Statutes, and shall be enforceable by the Wisconsin Department of Transportation or its assigns.

NOISE ABATEMENT

The lots of this land division may experience noise at levels exceeding the levels in s. Trans 405.04 Table 1. These levels are based on federal standards. The department of transportation is not responsible for abating noise from existing state trunk highways or connecting highways, in the absence of any increase by the department to the highway's through-lane capacity.

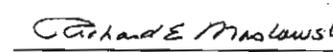
OWNER'S CERTIFICATE

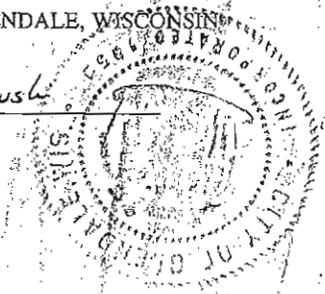
COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF GLENDALE, WISCONSIN, a corporation, duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said corporation caused the land described on this map to be surveyed, divided and mapped as represented on this map in accordance with the requirements of the Land Division Regulations of the City of Glendale.

COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF GLENDALE, WISCONSIN, does hereby certify that this map is required by S.236.20 or 236.12 to be submitted to the following for approval or objection: City of Glendale

IN Witness Whereof, COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF GLENDALE, WISCONSIN, has caused its presents to be signed by R. JAY HINTZE, Chairman, and RICHARD E. MASLOWSKI, Executive Director, this 8th day of JANUARY, 2002.

  
R. JAY HINTZE  
CHAIRMAN

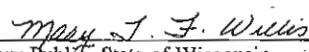
  
RICHARD E. MASLOWSKI  
EXECUTIVE DIRECTOR



STATE OF WISCONSIN }  
  }SS  
MILWAUKEE COUNTY }

PERSONALLY came before me this 8th day of January, 2002, R. JAY HINTZE, Chairman and RICHARD E. MASLOWSKI, Executive Director, of the above named COMMUNITY DEVELOPMENT AUTHORITY OF THE CITY OF GLENDALE, WISCONSIN known as the persons who executed the foregoing instrument, and to me known to be Chairman and Executive Director and acknowledged that they executed the foregoing instrument as such officers as the deed of the corporation, by its authority.



  
Notary Public, State of Wisconsin  
My commission expires 8-15-04  
My commission is permanent.

REC 0743 IMAGE 3609

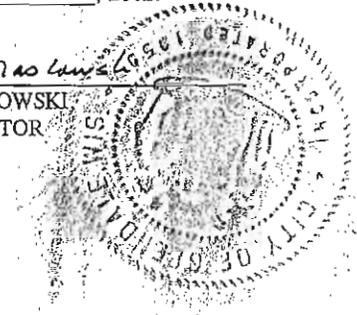
CERTIFIED SURVEY MAP NO. 7062

A redivision of Parcels 1, 2, and 3 of Certified Survey Map No. 2451, part of Parcel 1 of Certified Survey Map No. 4819, and lands all in the Southwest 1/4 of the Southeast 1/4 of Section 30, Town 8 North, Range 22 East, in the City of Glendale, Milwaukee County, Wisconsin.

GLENDALE COMMON COUNCIL APPROVAL

THIS Certified Survey Map is hereby approved by the Common Council of the City of Glendale, in accordance with resolution adopted on this 14TH day of JANUARY, 2002.

*Richard E Maslowski*  
RICHARD E. MASLOWSKI  
CITY ADMINISTRATOR



8203854

8203854

REGISTER'S OFFICE } ss  
Milwaukee County, WI }  
RECORDED AT 1:35 PM

AMOUNT 17.00

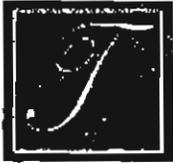
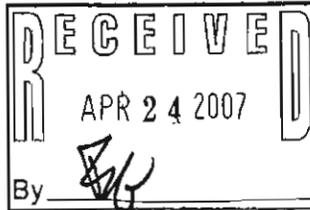
JAN 16 2002 360740  
REEL 5243 IMAGE 3610  
Walter R. Borek REGISTER OF DEEDS

REEL 5243  
IMAGE 3610



THIS INSTRUMENT WAS DRAFTED BY ERIC R. STURM,  
REGISTERED LAND SURVEYOR S-2309

Sheet 4 of 4 Sheets



*Treter Law Office*

Mark C. Treter, Esq.  
414-858-9172  
mctreter@treterlaw.com

April 20, 2007

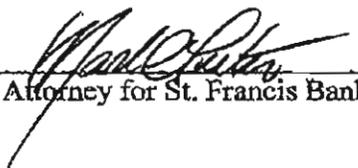
Ms. Pamela Mylotta  
Wisconsin Dept. of Natural Resources  
2300 N Dr Martin Luther King Jr Dr  
Milwaukee, WI 53212-3128

Subject: Deed Certification for Geographic Information System (GIS) Registry,  
Crestwood Area Project, Glendale, Wisconsin.  
BRRTS No. 02-41-184990  
WDNR FID No. 241958310

Dear Ms. Mylotta:

On behalf of St. Francis Bank and in accordance with Negotiated Agreement No. 2000/1 executed between the Wisconsin Department of Natural Resources, the Community Development Authority of the City of Glendale, and St. Francis Bank FSB, I hereby certify that to the best of my knowledge, the legal descriptions included for Parcel Identification Numbers: 168-9021, 168-9022, 195-9000, 195-9001, 195-9002 are complete and accurate for the purpose of registering this site onto the Wisconsin GIS Registry of Closed Remediation Sites.

Sincerely,

Signed:   
Title: Attorney for St. Francis Bank

MCT:ls

cc: Mr. Michael Janssen - MidAmerica Bank

DRAFTER: ELS

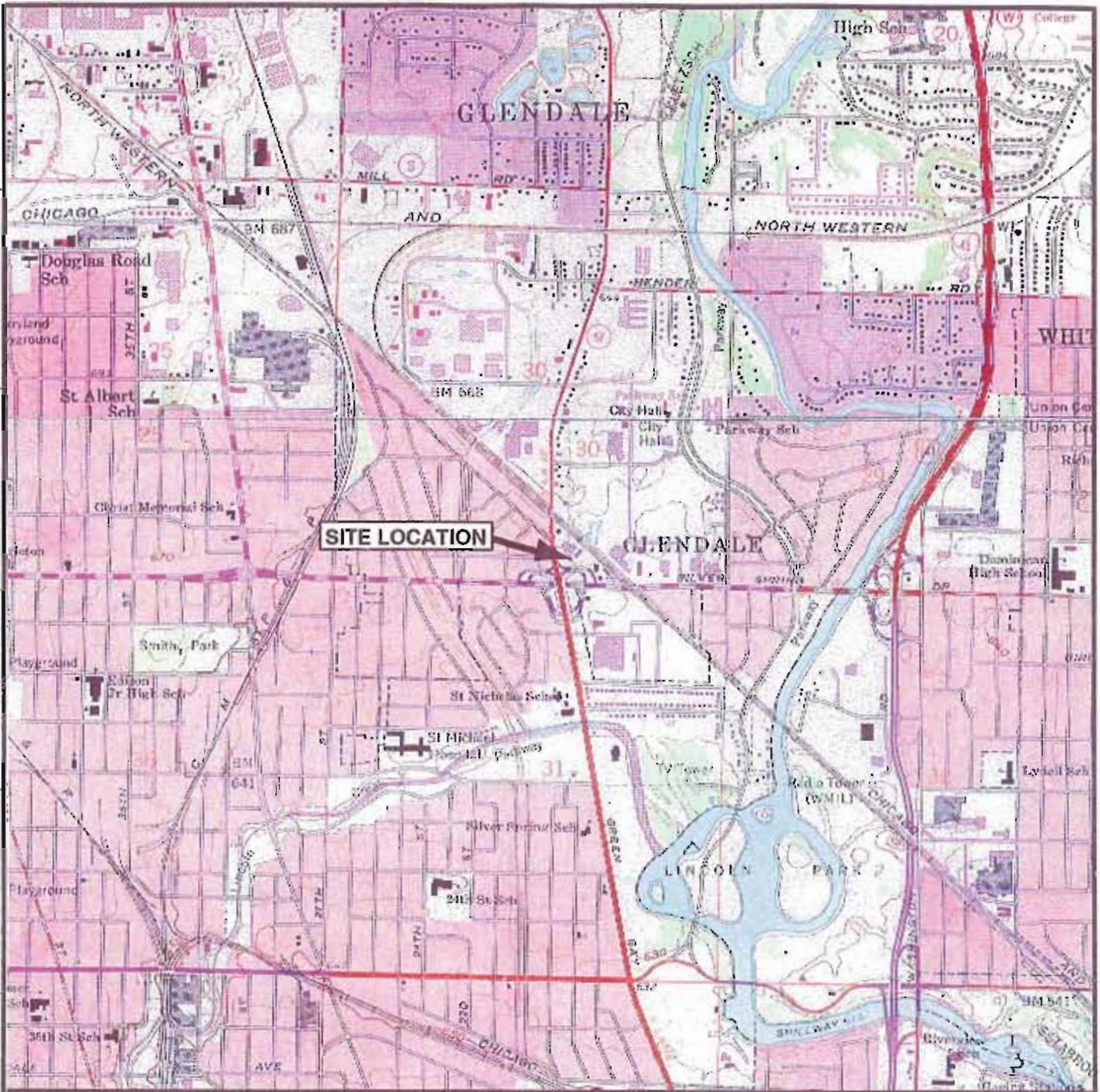
APPROVED:

DRAWING: 01 SITE LOC.A1 | CHECKED: JB

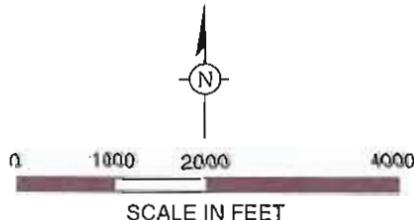
FILE NO.: GRAPHICREP

PN: MICHAL.BSIW10794PEMEDTON

DWG DATE: 05FEB03



SOURCE: Composite of USGS 7.5 Minute Topographic Maps, MILWAUKEE and THIENSVILLE, WISCONSIN Quadrangles, 1971



WISCONSIN



**SITE LOCATION MAP**

CRESTWOOD SITE  
GLENDALE, WISCONSIN

FIGURE

**2-1**

C:\projects\mitchells\w10794\remediation\cadd\report\final\3-20\sewer.dwg



0 100 200 400  
 SCALE: 1 INCH = 400 FEET

LEGEND

- GREEN BAY AVENUE/SILVER SPRING DRIVE SEWER
- 18-INCH RISER/97 STORM SEWER
- EAST SILVER SPRING DRIVE SEWER
- SILVER SPRING DRIVE SANITARY SEWER

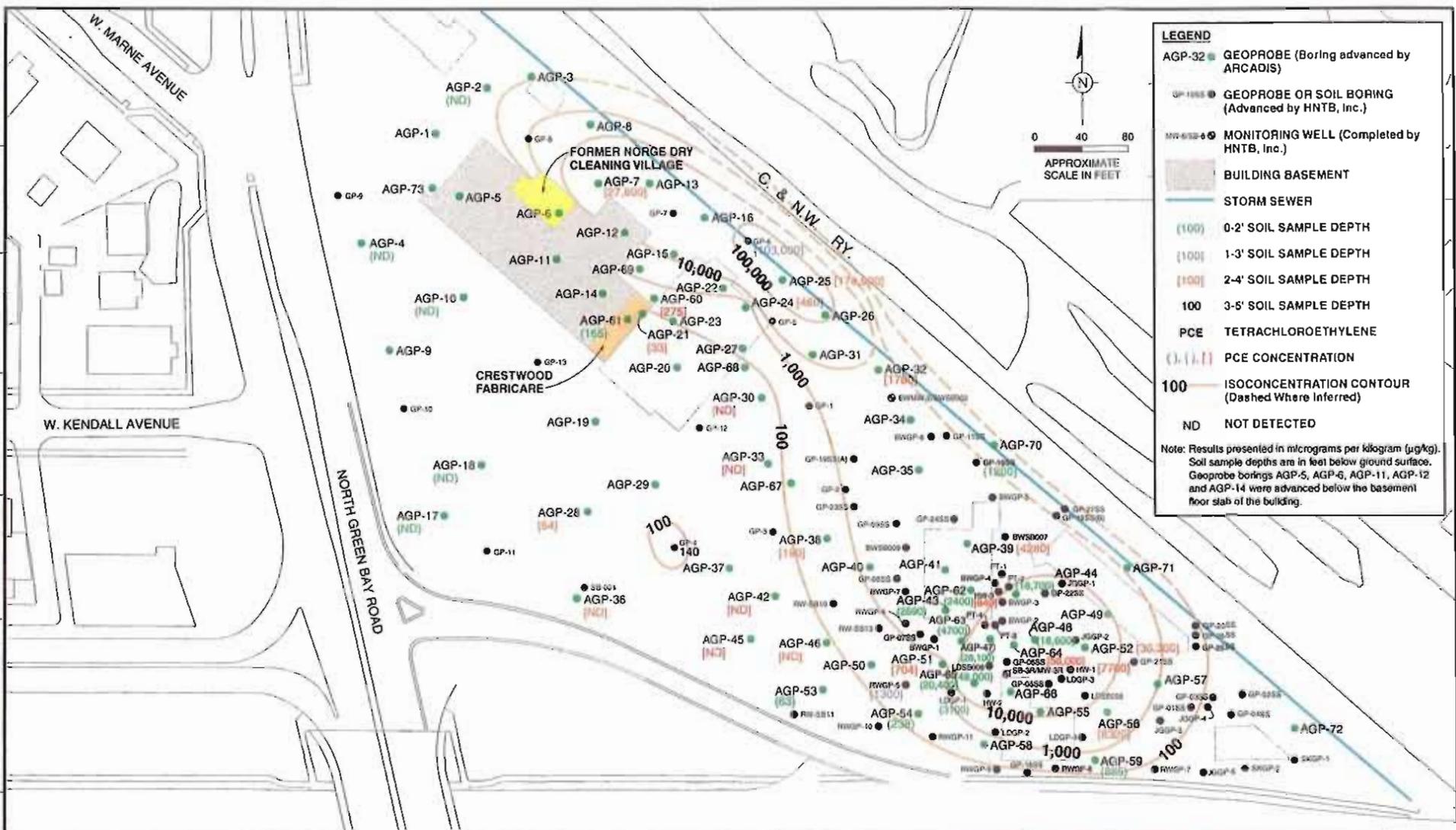


SEWER LOCATION MAP

CRESTWOOD SITE  
 GLENDALE, WISCONSIN

FIGURE  
**3-20**

DWG DATE: 05FEB03 | PK: MICHALBSWID794REMEDIATION | FILE NO.: GRAPHICS/BEP | DRAWING: 09 SOIL 04-L1 | CHECKED: JLCORFF | APPROVED: | DRAFTER: JLCIELS/LMB



**LEGEND**

- AGP-32 ● GEOPROBE (Boring advanced by ARCADIS)
- GP-1000 ● GEOPROBE OR SOIL BORING (Advanced by HNTB, Inc.)
- MW-652-6 ● MONITORING WELL (Completed by HNTB, Inc.)
- BUILDING BASEMENT
- STORM SEWER
- (100) 0-2' SOIL SAMPLE DEPTH
- (100) 1-3' SOIL SAMPLE DEPTH
- (100) 2-4' SOIL SAMPLE DEPTH
- 100 3-5' SOIL SAMPLE DEPTH
- PCE TETRACHLOROETHYLENE
- (1,1,1) PCE CONCENTRATION
- 100 ISOCONCENTRATION CONTOUR (Dashed Where Inferred)
- ND NOT DETECTED

Note: Results presented in micrograms per kilogram (µg/kg).  
 Soil sample depths are in feet below ground surface.  
 Geoprobe borings AGP-5, AGP-6, AGP-11, AGP-12 and AGP-14 were advanced below the basement floor slab of the building.

WEST SILVER SPRING DRIVE

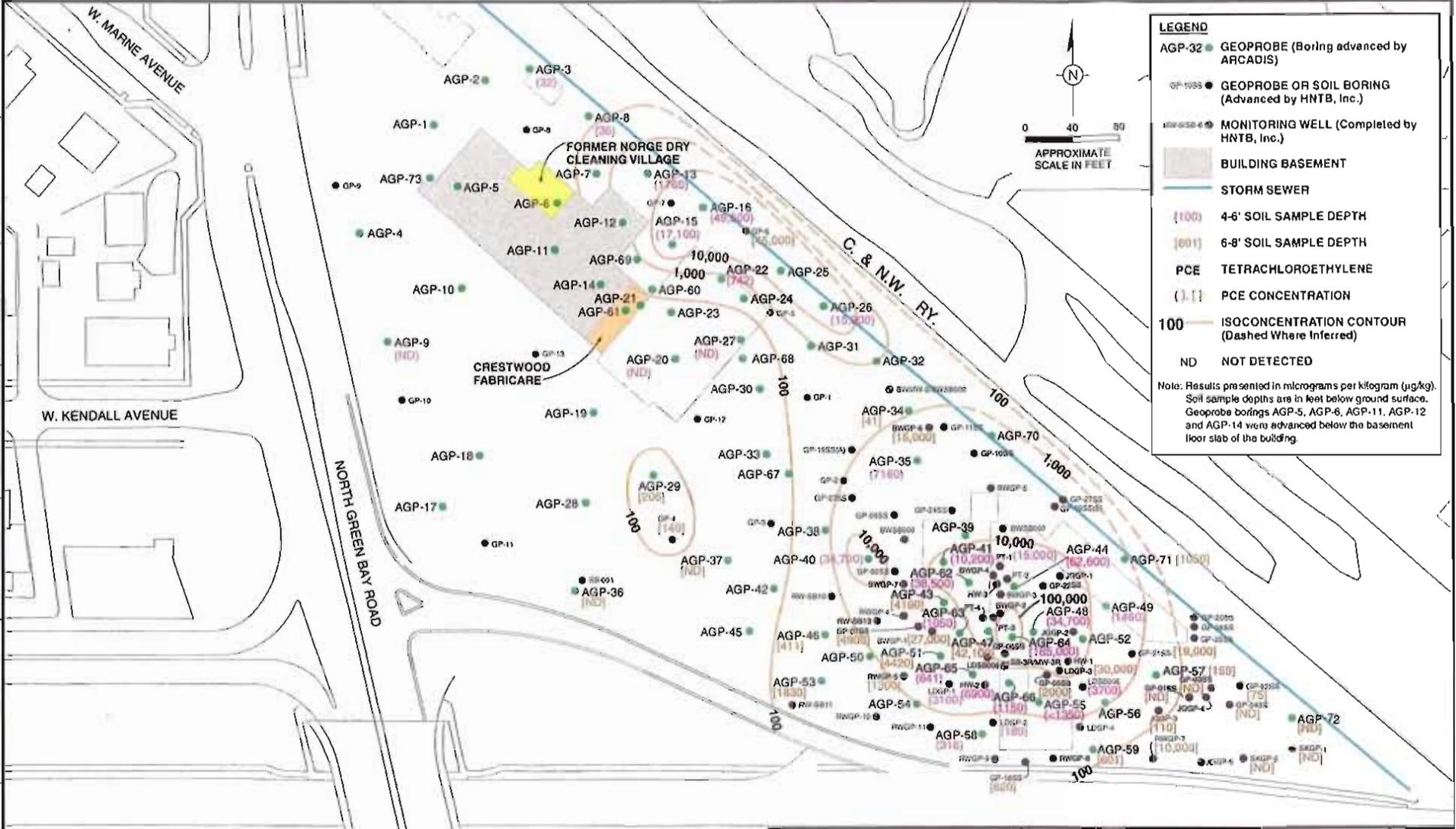


**PRE-REMEDIATION SOIL ANALYTICAL RESULTS TETRACHLOROETHYLENE 0-4' BELOW GROUND SURFACE**

CRESTWOOD SITE  
 GLENDALE, WISCONSIN

FIGURE  
**3-14**

DWG DATE: 08/2003 | PN: MICHALES/WD794/REMEDIATION | FILE NO.: GRAPHICS/REP | DRAWING: 10 SOIL 4-8' | CHECKED: J.C.B/PF | APPROVED: | DRAFTER: J.CIELEMB



**LEGEND**

- AGP-32 ● GEOPROBE (Boring advanced by ARCADIS)
- GP-1055 ● GEOPROBE OR SOIL BORING (Advanced by HNTB, Inc.)
- MW-0554 ● MONITORING WELL (Completed by HNTB, Inc.)
- BUILDING BASEMENT
- STORM SEWER
- {100} 4-6' SOIL SAMPLE DEPTH
- {601} 6-8' SOIL SAMPLE DEPTH
- PCE TETRACHLOROETHYLENE
- { } PCE CONCENTRATION
- 100 — ISOCONCENTRATION CONTOUR (Dashed Where Inferred)
- ND NOT DETECTED

Note: Results presented in micrograms per kilogram (µg/kg).  
 Soil sample depths are in feet below ground surface.  
 Geoprobe borings AGP-5, AGP-8, AGP-11, AGP-12 and AGP-14 were advanced below the basement floor slab of the building.

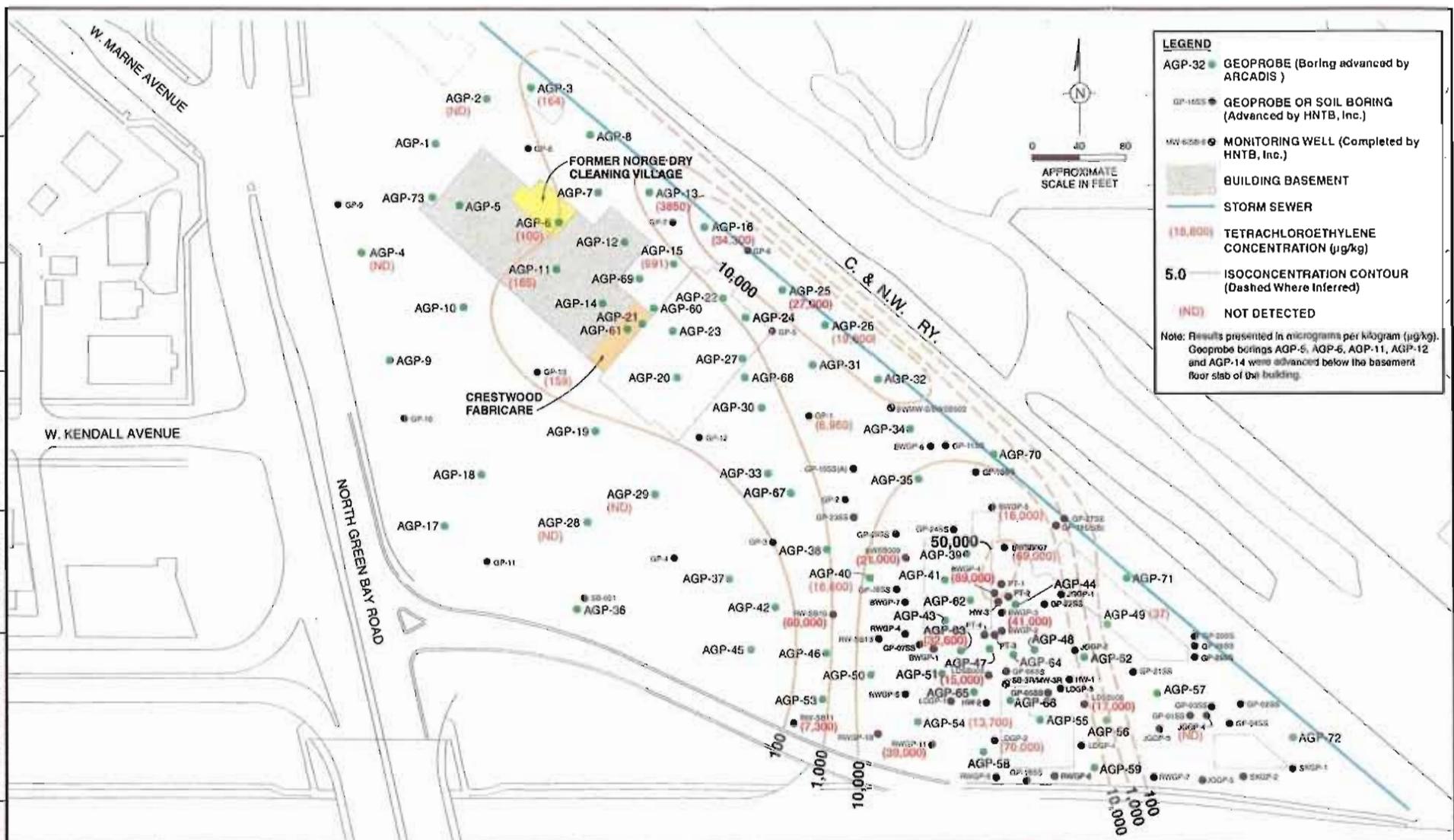
WEST SILVER SPRING DRIVE



**PRE-REMEDIATION SOIL ANALYTICAL RESULTS TETRACHLOROETHYLENE 4-8' BELOW GROUND SURFACE**  
 CRESTWOOD SITE  
 GLENDALE, WISCONSIN

**FIGURE 3-15**

DRAFTER: JLCLESLIVS | APPROVED: | CHECKED: JLCRPF | FILE NO.: GRAPHICSREP | DRAWING: 11 SAT\_SAND\_01 | DRAWING DATE: 05/18/03 | PRN: MICHALBSW0794REMEDTCN



**LEGEND**

- AGP-32 ● GEOPROBE (Boring advanced by ARCADIS)
- GP-1655 ● GEOPROBE OR SOIL BORING (Advanced by HNTB, Inc.)
- MW-658 ● MONITORING WELL (Completed by HNTB, Inc.)
- BUILDING BASEMENT
- STORM SEWER
- (10,000) TETRACHLOROETHYLENE CONCENTRATION (µg/kg)
- 5.0 — ISOCONCENTRATION CONTOUR (Dashed Where Inferred)
- (ND) NOT DETECTED

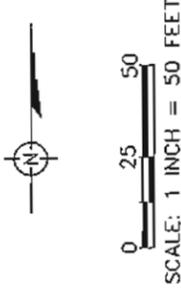
Note: Results presented in micrograms per kilogram (µg/kg). Geoprobe borings AGP-5, AGP-6, AGP-11, AGP-12 and AGP-14 were advanced below the basement floor slab of the building.

WEST SILVER SPRING DRIVE



**PRE-REMEDATION SOIL ANALYTICAL RESULTS TETRACHLOROETHYLENE CONCENTRATION IN SATURATED SAND SAMPLES**  
 CRESTWOOD SITE  
 GLENDALE, WISCONSIN

FIGURE  
**3-16**



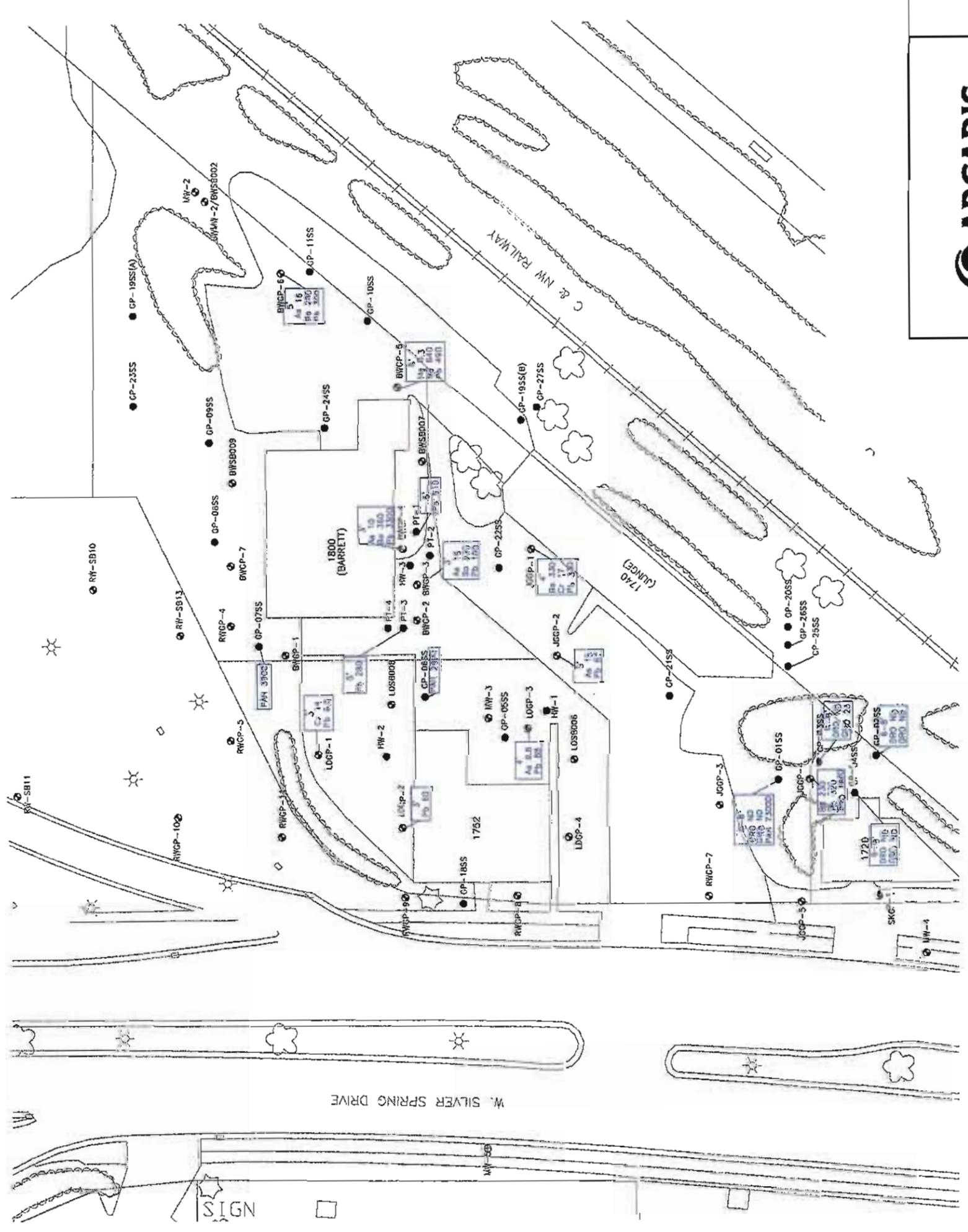
**LEGEND**

- PREVIOUS GEOPROBE LOCATION
- SUPPLEMENTAL SITE INVESTIGATION GEOPROBE LOCATION
- BIW-BARRETT WEST
- LD-LEONARD
- JC-JUNCE
- SK-SCHNECK
- RW-RIGHT OF WAY
- SS-SUPPLEMENTAL SITE INVESTIGATION
- PT-PILOT TEST

As  
Ba  
Cr  
Gn  
Pb  
DRO  
DRO  
PAH

ARSENIC  
BARIUM  
CHROMIUM  
MERCURY  
LEAD  
DIESEL RANGE ORGANICS  
GASOLINE RANGE ORGANICS  
POLYNUCLEAR AROMATIC HYDROCARBONS

METALS, DRO, AND GRO CONCENTRATIONS ARE PRESENTED IN MILLIGRAMS PER KILOGRAM (mg/kg).  
TOTAL PAH CONCENTRATIONS ARE PRESENTED IN MICROGRAMS PER KILOGRAM (ug/kg).  
BOREHOLES SHOWN WITHOUT ANALYTICAL RESULTS INDICATE THAT VADOSE ZONE SOIL SAMPLES WERE NOT ANALYZED FOR VOCs AT THAT LOCATION.



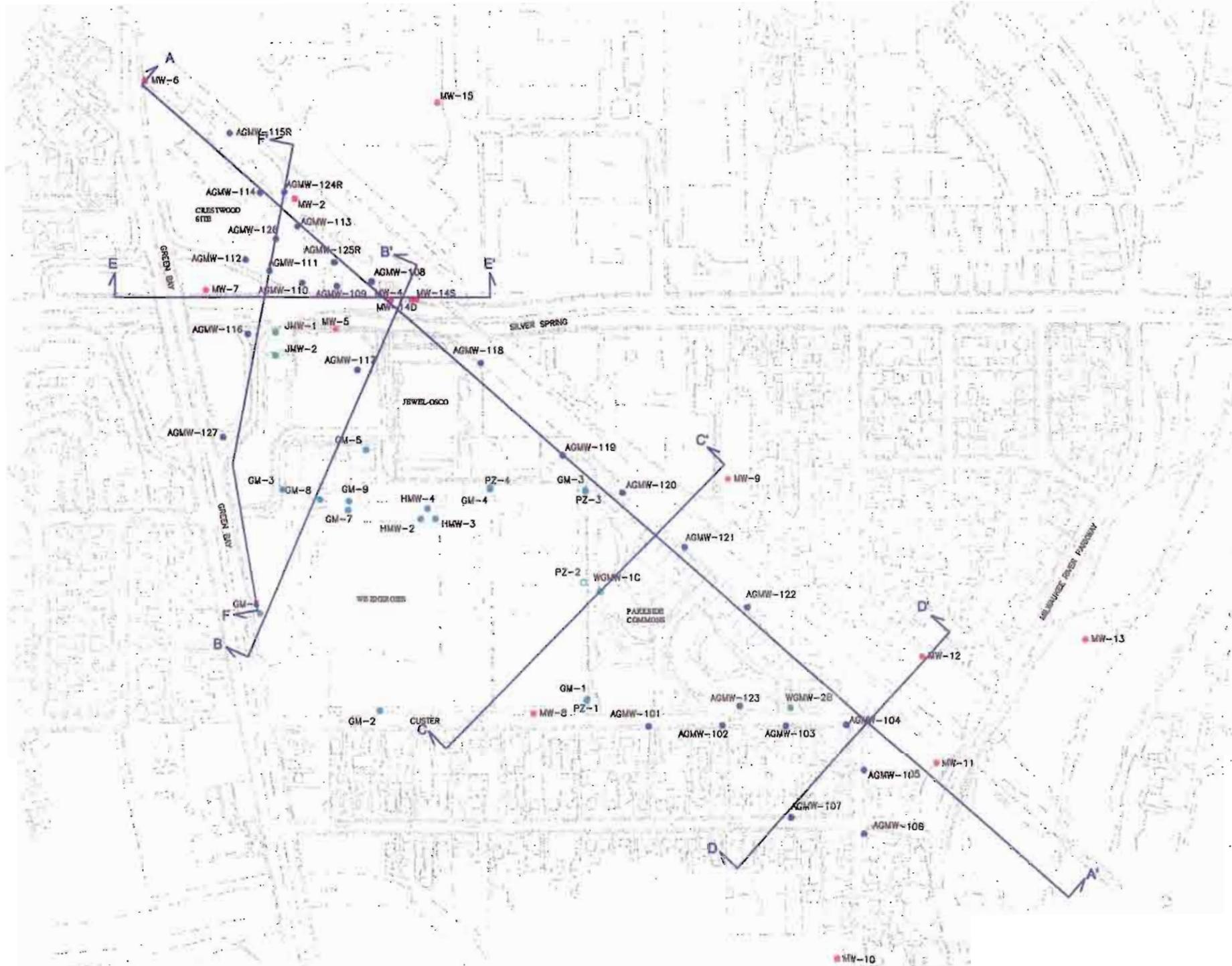
**METALS/DRO/PAH DISTRIBUTION IN VADOSE ZONE SOILS**  
CRESTWOOD SITE  
GLENDALE, WISCONSIN

FIGURE 3-10

SOURCE: HNTB REMEDIAL ACTION PLAN (JUNE 15, 1996) FIGURES 3-6, 3-7, AND 3-8.



G:\projects\mkt\creswood\110794\emc\lca\lca\report\final\3-01 cross section.dwg

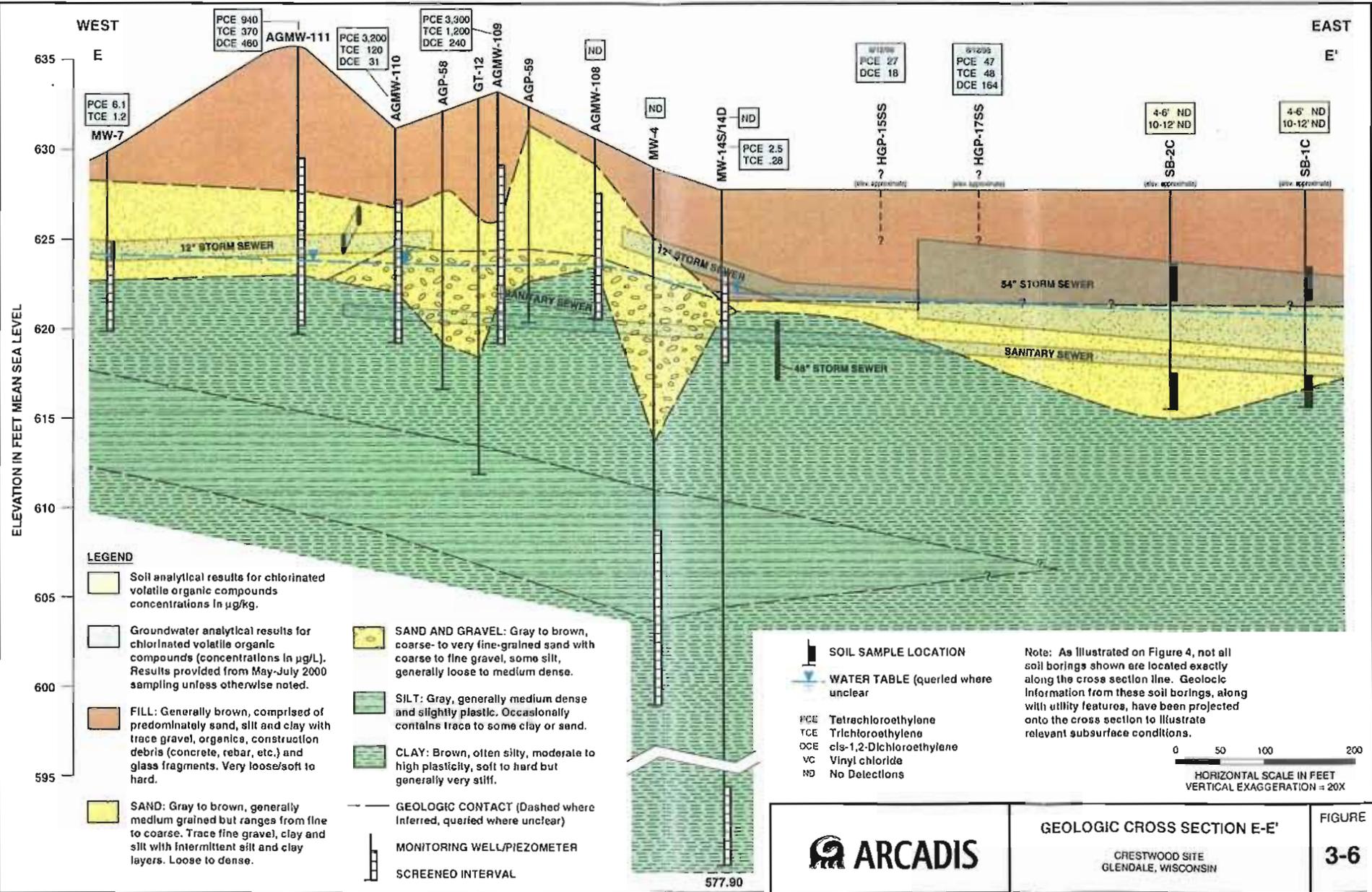


- LEGEND**
- AGMW-101 ● MONITORING WELL (ARCADIS GERAGHTY & MILLER)
  - JMW-1 ● MONITORING WELL (GRAEF, ANHALT, SCHLOENER & ASSOCIATES)
  - MW-1 ● MONITORING WELL (HNTB)
  - GM-1 ● MONITORING WELL (WISCONSIN GAS)
  - PZ-1 ○ PIEZOMETER (WISCONSIN GAS)
- A A'** LOCATION OF GEOLOGIC CROSS SECTION

NOTE: FOR CLARITY, NOT ALL SOIL BORINGS ADVANCED ON THE CRESTWOOD SITE ARE SHOWN.

|  |  |  |
|--|--|--|
|  | <p><b>CROSS SECTION LOCATION MAP</b></p> <p>CRESTWOOD SITE<br/>GLENDALE, WISCONSIN</p> | <p><b>FIGURE</b></p> <p><b>3-1</b></p> |
|--|--|--|

DWG DATE: 05FEB03 | PN: MICHALBSW/DM/REMEDIATION | FILE NO.: GRAPHICS/REP | DRAWING: 20.XSECEEA1 | CHECKED: DMB | APPROVED: | DRAFTER: ELS/LMB



**LEGEND**

- Soil analytical results for chlorinated volatile organic compounds concentrations in µg/kg.
- Groundwater analytical results for chlorinated volatile organic compounds (concentrations in µg/L). Results provided from May-July 2000 sampling unless otherwise noted.
- FILL: Generally brown, comprised of predominately sand, silt and clay with trace gravel, organics, construction debris (concrete, rebar, etc.) and glass fragments. Very loose/soft to hard.
- SAND: Gray to brown, generally medium grained but ranges from fine to coarse. Trace fine gravel, clay and silt with intermittent silt and clay layers. Loose to dense.
- SAND AND GRAVEL: Gray to brown, coarse- to very fine-grained sand with coarse to fine gravel, some silt, generally loose to medium dense.
- SILT: Gray, generally medium dense and slightly plastic. Occasionally contains trace to some clay or sand.
- CLAY: Brown, often silty, moderate to high plasticity, soft to hard but generally very stiff.
- GEOLOGIC CONTACT (Dashed where Inferred, queried where unclear)
- MONITORING WELL/PIEZOMETER
- SCREENED INTERVAL

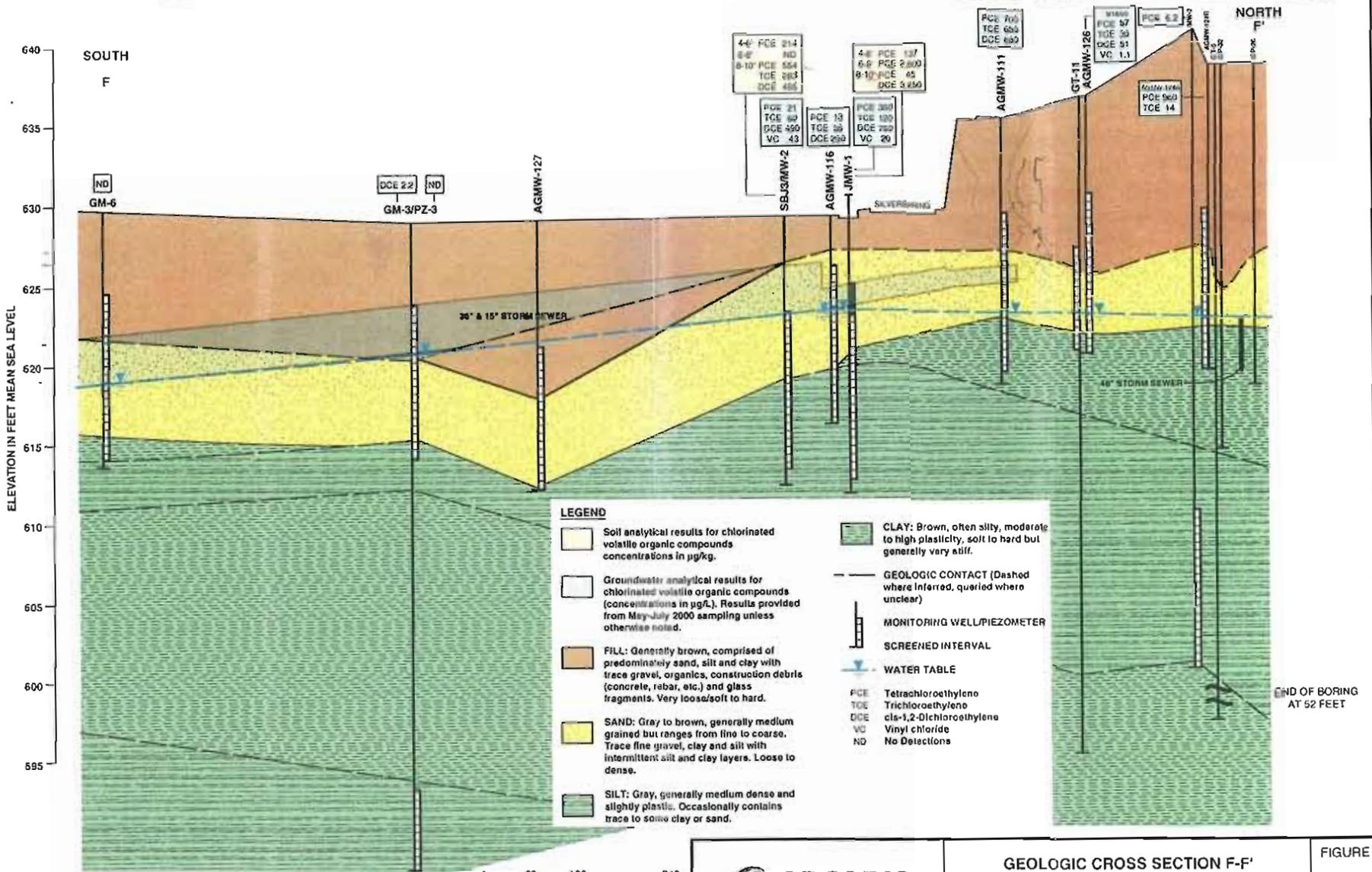
- SOIL SAMPLE LOCATION
- WATER TABLE (queried where unclear)
- PCE Tetrachloroethylene
- TCE Trichloroethylene
- DCE cis-1,2-Dichloroethylene
- VC Vinyl chloride
- ND No Detections

Note: As illustrated on Figure 4, not all soil borings shown are located exactly along the cross section line. Geologic information from these soil borings, along with utility features, have been projected onto the cross section to illustrate relevant subsurface conditions.



|  |   |  |
|--|---|--|
|  | <b>GEOLOGIC CROSS SECTION E-E'</b><br>CRESTWOOD SITE<br>GLENDALE, WISCONSIN | <b>FIGURE</b><br><span style="font-size: 1.5em; font-weight: bold;">3-6</span> |
|--|---|--|

577.90



**LEGEND**

|  |   |
|--|---|
| Soil analytical results for chlorinated volatile organic compounds concentrations in µg/kg.  | CLAY: Brown, often silty, moderate to high plasticity, soft to hard but generally very stiff. |
| Groundwater analytical results for chlorinated volatile organic compounds (concentrations in µg/L). Results provided from May-July 2000 sampling unless otherwise noted.                     | GEOLOGIC CONTACT (Dashed where Inferred, quarled where unclear)                               |
| FILL: Generally brown, comprised of predominately sand, silt and clay with trace gravel, organics, construction debris (concrete, rebar, etc.) and glass fragments. Very loose/soft to hard. | MONITORING WELL/PIEZOMETER  |
| SAND: Gray to brown, generally medium grained but ranges from fine to coarse. Trace fine gravel, clay and silt with intermittent silt and clay layers. Loose to dense.                       | SCREENED INTERVAL   |
| SILT: Gray, generally medium dense and slightly plastic. Occasionally contains trace to some clay or sand.   | WATER TABLE   |
|  | PCE Tetrachloroethylene   |
|  | TCE Trichloroethylene   |
|  | DCE cis-1,2-Dichloroethylene  |
|  | VC Vinyl chloride   |
|  | ND No Detections  |

1 60 120 240  
 HORIZONTAL SCALE IN FEET  
 VERTICAL EXAGGERATION = 20X



**GEOLOGIC CROSS SECTION F-F'**  
 CRESTWOOD SITE  
 GLENDALE, WISCONSIN

FIGURE  
**3-7**

DRAFTER: JAG

APPROVED:

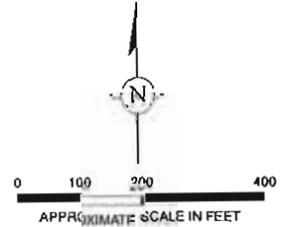
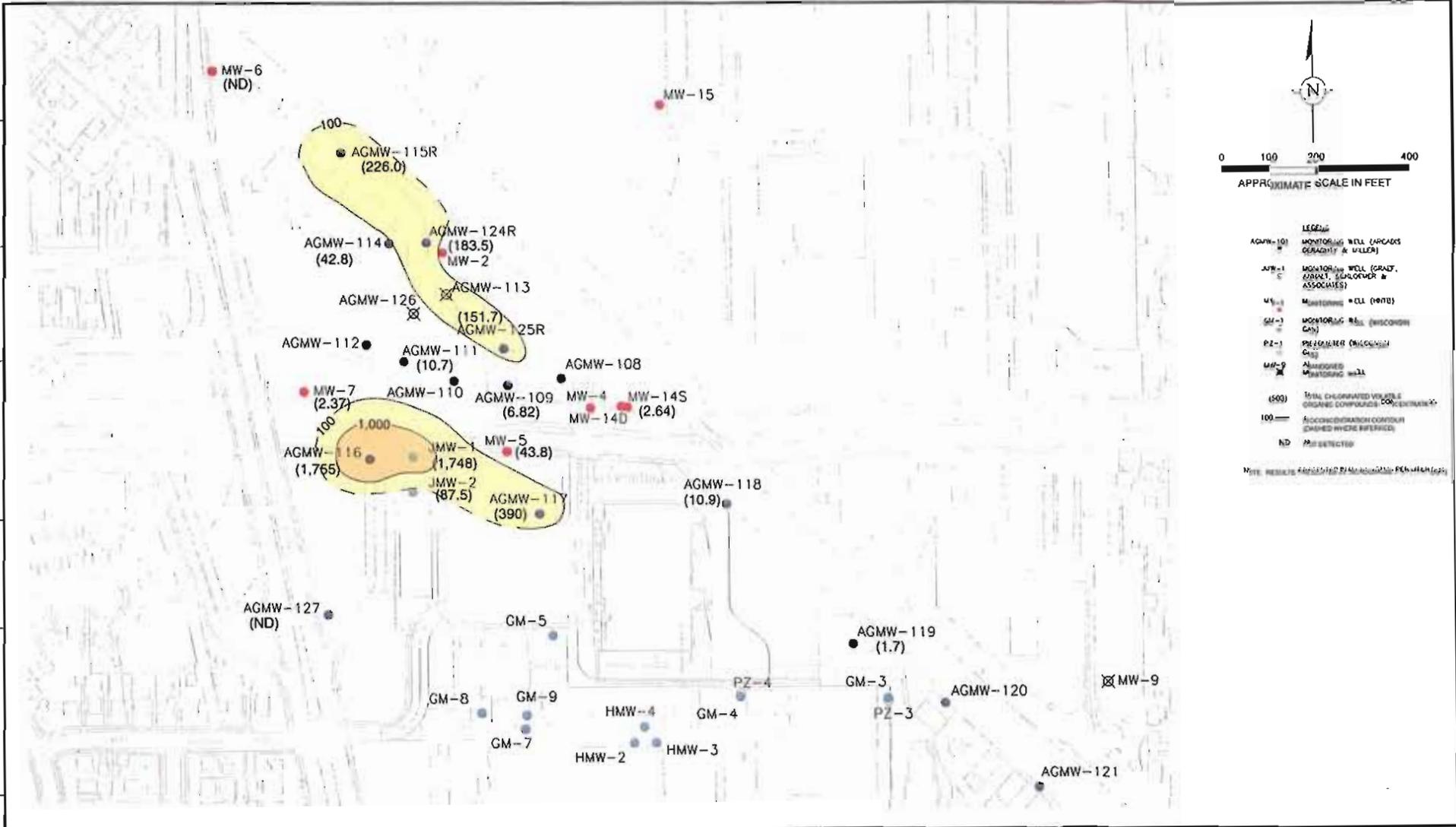
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DRAWING: TCVOC\_ISO\_0305.A1

FILE NO.: GRAPHICS

PK: MICHAEL/SW/03/04/REMEDION

ENG DATE: 14MARS

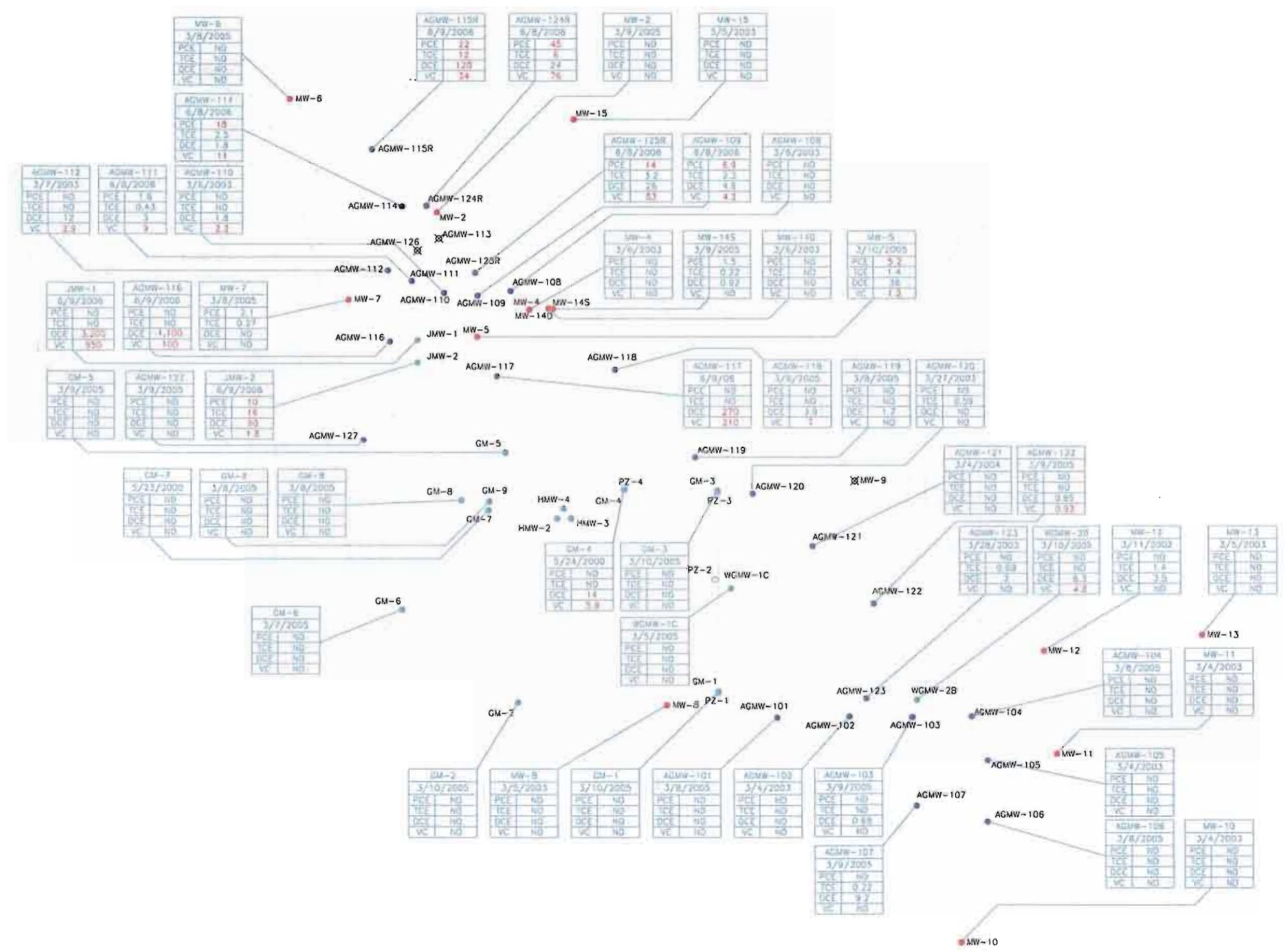
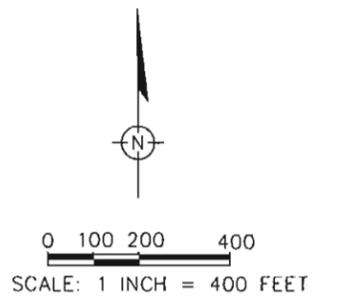


**LEGEND**

- AGMW-101 MONITORING WELL (ARCADIS CERADITY & MILLER)
- MW-1 MONITORING WELL (GRANT, SULLOCHER & ASSOCIATES)
- MW-2 MONITORING WELL (PDB)
- GM-1 MONITORING WELL (RESCORON CO)
- PZ-1 PRESSURE (BIOLOGICAL GAS)
- MW-9 MONITORING WELL
- (500) TOTAL CHLORINATED VOLATILE ORGANIC COMPOUND CONCENTRATION
- 1000 ISOCONCENTRATION CONTOUR (SHADED WHERE APPLICABLE)
- ND MONITORING WELL

NOTE: RESULTS PROVIDED BY MONITORING WELL OPERATOR

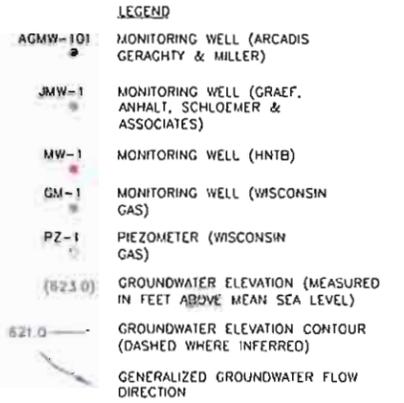
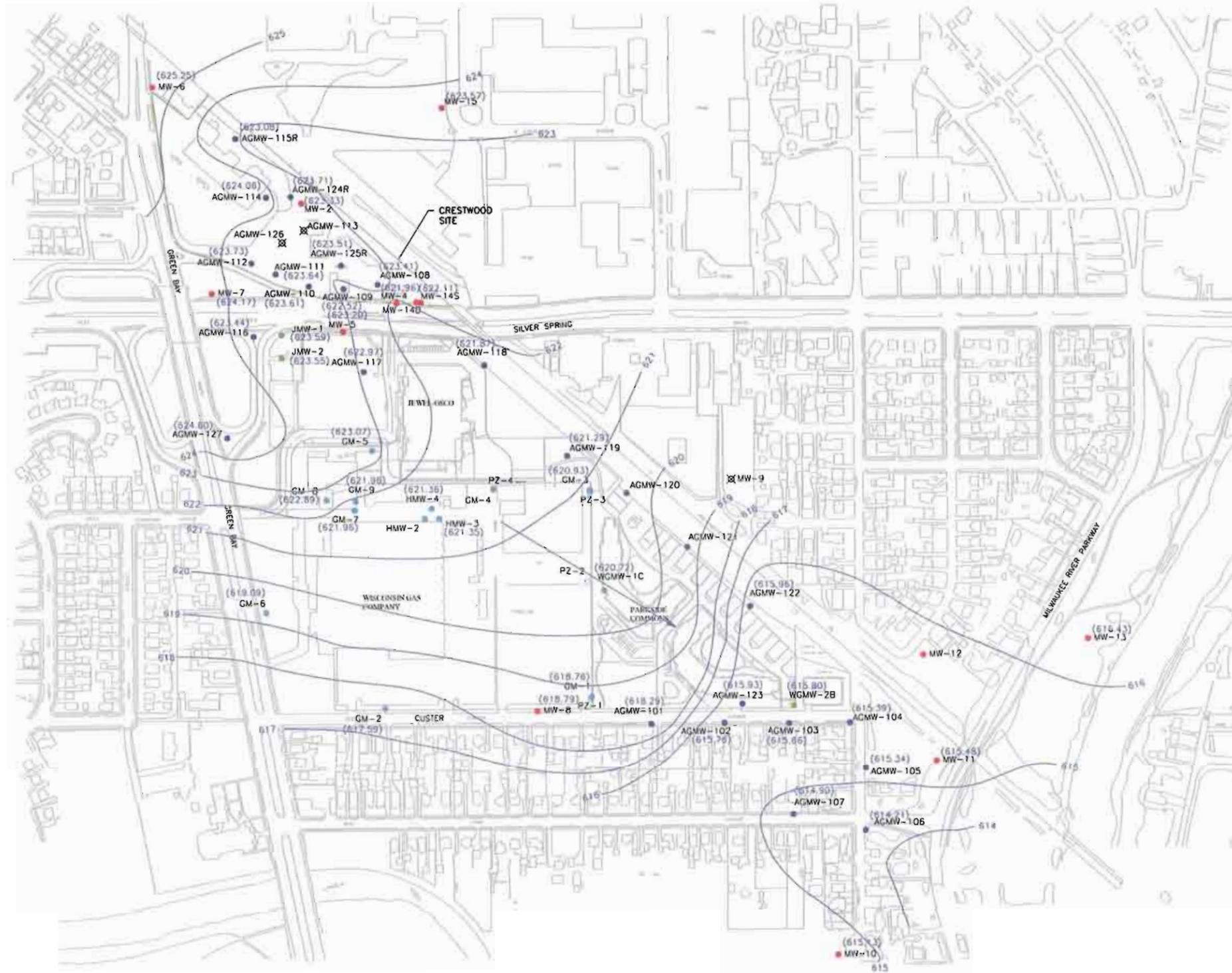
|  |  |                            |
|--|--|----------------------------|
|  | <p><b>TOTAL CHLORINATED VOLATILE ORGANIC COMPOUNDS ISOCONCENTRATION MAP (MARCH 2005)</b></p> <p>CRESTWOOD SITE<br/>GLENDALE, WISCONSIN</p> | <p>FIGURE<br/><b>7</b></p> |
|--|--|----------------------------|



- LEGEND**
- AGMW-101 ● MONITORING WELL (ARCADIS GERAGHTY & MILLER)
  - JMW-1 ○ MONITORING WELL (GRAF, ANHALT, SCHLOEMER & ASSOCIATES)
  - MW-1 ● MONITORING WELL (HNTB)
  - GM-1 ○ MONITORING WELL (WISCONSIN GAS)
  - PZ-1 ○ PIEZOMETER (WISCONSIN GAS)
  - MW-9 ✕ ABANDONED MONITORING WELL
  - PCE TETRACHLOROETHYLENE
  - TCE TRICHLOROETHYLENE
  - DCE CIS-1,2-DICHLOROETHYLENE
  - VC VINYL CHLORIDE
  - ND NOT DETECTED
  - 4.5 ● CONSTITUENT CONCENTRATION EXCEEDS CHAPTER NR 140 ES.
- CONCENTRATIONS ARE PRESENTED IN MICROGRAMS PER LITER (µg/L).  
 MOST RECENT SAMPLING DATA AT EACH MONITORING WELL IS PRESENTED.

User Name : mredat  
 Acad Version : R16.1s (L4S Tech)  
 Current Plot Style : B/COLOR  
 Date/Time : Fri, 02 Mar 2007 - 2:10pm  
 Page Setup: conrad-1x17  
 Pen Table: sonora.cb  
 Layout Tab: Layout2-Layout1  
 Path Name : C:\Project\Michoud\W0794\Information\Coad\DOCs - June 2006.dwg

|  |  |                     |
|--|--|---------------------|
|  | <b>CVOC DISTRIBUTION IN AREA WIDE<br/>GROUNDWATER (JUNE 2006)</b><br><br>CRESTWOOD SITE<br>GLENDALE, WISCONSIN | <b>FIGURE<br/>1</b> |
|--|--|---------------------|



**AREA GROUNDWATER ELEVATION SURFACE MAP (SEPTEMBER 7, 2004)**  
 CRESTWOOD SITE  
 GLENDALE, WISCONSIN

## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Depth (ft bis)<br>Sample Date | AGP-1    |          | AGP-2    |          | AGP-3    |          | AGP-4    |          |          | AGP-5*   |          |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|   | 8-10'    | 12-14'   | 0-2'     | 14-16'   | 4-6'     | 14-16'   | 0-2'     | 8-10'    | 14-16'   | 2-4'     | 6-8'     |
|   | 02/17/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/16/00 | 02/16/00 | 02/16/00 | 02/16/00 | 02/16/00 |
| Benzene   | <30      | <26      | <28      | <29      | <30      | <27      | 95       | <30      | <27      | <290     | <26      |
| Ethylbenzene  | <30      | <26      | <28      | <29      | <30      | <27      | <29      | <30      | <27      | <290     | <26      |
| Toluene   | <30      | <26      | <28      | <29      | <30      | <27      | <29      | <30      | <27      | <290     | <26      |
| Xylenes, Total                                      | <41      | <37      | <39      | <41      | <41      | <38      | <41      | <42      | <38      | <407     | <37      |
| 1,2,4-Trimethylbenzene                              | <30      | <26      | <28      | <29      | <30      | <27      | <29      | <30      | <27      | <290     | <26      |
| 1,3,5-Trimethylbenzene                              | <30      | <26      | <28      | <29      | <30      | <27      | <29      | <30      | <27      | <290     | <26      |
| Naphthalene   | 77       | 126      | <28      | <29      | 74       | <27      | 328      | 582      | <27      | 37,200   | 1,050    |
| 1,4-Dichlorobenzene                                 | <30      | <26      | <28      | <29      | <30      | <27      | <29      | <30      | <27      | <290     | <26      |
| Tetrachloroethylene                                 | <30      | <26      | <28      | <29      | 32       | 164      | <29      | <30      | <27      | <290     | <26      |
| Trichloroethylene                                   | <30      | <26      | <28      | <29      | <30      | <27      | <29      | 75       | <27      | <290     | <26      |
| cis-1,2-Dichloroethylene                            | <30      | <26      | <28      | <29      | <30      | <27      | <29      | <30      | <27      | <290     | <26      |
| trans-1,2-Dichloroethylene                          | <30      | <26      | <28      | <29      | <30      | <27      | <29      | <30      | <27      | <290     | <26      |
| Methylene Chloride                                  | 154 L    | 147 L    | 177 L    | 199 L    | <59      | 120 L    | <59      | <59      | <55      | <581     | 147 L    |
| Vinyl Chloride                                      | <30      | <26      | <28      | <29      | <30      | <27      | <29      | <30      | <27      | <290     | <26      |

Results are reported in micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) on a dry weight basis.

< Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.

\* Sample collected beneath the basement of the pre-existing building. Sample depths are feet below basement floor slab elevation.

(1) WDNR ch. NR720 Wis. Adm. Code Table 1 RCL based on protection of groundwater.

(2) Values calculated using the WDNR guidance document "Determining Residual Contaminant Levels using the U.S. EPA Soil Screening Level (SSL) Web Site, PUB-RR-682, January, 11, 2002".

Constituent concentration exceeds WDNR RCL.

**bold** Constituent concentration exceeds the U.S. EPA SSL for direct contact (Ingestion and inhalation).

ft bis Feet below land surface.

J Estimated concentration.

L Common lab solvent and contaminant.

NE Constituent standard or limit not established.

RCL Residual Contaminant Level.

U.S. EPA United States Environmental Protection Agency.

WDNR Wisconsin Department of Natural Resources.

# ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Depth (ft bls)<br>Sample Date | AGP-6*   |          | AGP-7         |          | AGP-8    | AGP-9    | AGP-10   |          | AGP-11*  |          | AGP-12   |
|---|----------|----------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
|   | 0-2'     | 9.5-10'  | 2-4'          | 12-14'   | 4-6'     | 4-6'     | 0-2'     | 12-14'   | 2-4'     | 6-8'     | 4-6'     |
|   | 02/23/00 | 02/23/00 | 02/17/00      | 02/17/00 | 02/17/00 | 02/16/00 | 02/16/00 | 02/16/00 | 02/17/00 | 02/17/00 | 02/17/00 |
| Benzene   | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | <26      |
| Ethylbenzene  | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | <26      |
| Toluene   | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | <26      |
| Xylenes, Total                                      | <36      | <38      | <406          | <36      | <36      | <37      | <38      | <37      | <39      | <39      | <36      |
| 1,2,4-Trimethylbenzene                              | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | <26      |
| 1,3,5-Trimethylbenzene                              | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | <26      |
| Naphthalene   | <26      | <27      | 10,200        | <26      | <26      | <26      | <27      | <27      | 34       | <28      | <26      |
| 1,4-Dichlorobenzene                                 | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | <26      |
| Tetrachloroethylene                                 | <26      | 100      | <b>27,800</b> | 2910     | 36       | <26      | <27      | <27      | 203      | 165      | 716      |
| Trichloroethylene                                   | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | 80       | <28      | <26      |
| cis-1,2-Dichloroethylene                            | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | 51       |
| trans-1,2-Dichloroethylene                          | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | <26      |
| Methylene Chloride                                  | 70 L     | <55      | 580 L         | 395      | <51      | <52      | <54      | <53      | 203 L    | 231 L    | <52      |
| Vinyl Chloride                                      | <26      | <27      | <290          | <26      | <26      | <26      | <27      | <27      | <28      | <28      | <26      |

Results are reported in micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) on a dry weight basis.

< Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.

\* Sample collected beneath the basement of the pre-existing building. Sample depths are feet below basement floor slab elevation.

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ft bls Feet below land surface.

J Estimated concentration.

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U.S. EPA United States Environmental Protection Agency.

WDNR Wisconsin Department of Natural Resources.

## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGP-13   |          | AGP-14*  |          | AGP-15   |          | AGP-16        |               | AGP-17   | AGP-18   |          |
|----------------------------|----------|----------|----------|----------|----------|----------|---------------|---------------|----------|----------|----------|
|                            | 4-6'     | 14-14.5' | 6-8'     | 8-9'     | 4-6'     | 16-18'   | 4-6'          | 14-16'        | 0-2'     | 0-2'     | 18-20'   |
| Sample Depth (ft bls)      | 02/17/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/17/00      | 02/17/00      | 02/16/00 | 02/16/00 | 02/16/00 |
| Benzene                    | <26      | <30      | <26      | <28      | <29      | <28      | <28           | <26           | <28      | <27      | <29      |
| Ethylbenzene               | <26      | <30      | <26      | <28      | <29      | <28      | <28           | <26           | <28      | <27      | <29      |
| Toluene                    | <26      | <30      | <26      | <28      | <29      | <28      | <28           | 33            | <28      | <27      | <29      |
| Xylenes, Total             | <36      | <42      | <37      | <39      | <40      | <39      | <39           | <36           | <39      | <38      | <40      |
| 1,2,4-Trimethylbenzene     | <26      | <30      | <26      | <28      | <29      | <28      | <28           | <26           | <28      | <27      | <29      |
| 1,3,5-Trimethylbenzene     | <26      | <30      | <26      | <28      | <29      | <28      | <28           | <26           | <28      | <27      | <29      |
| Naphthalene                | 42       | <30      | <26      | <28      | 57       | <28      | 52            | <26           | <28      | <27      | <29      |
| 1,4-Dichlorobenzene        | <26      | <30      | <26      | <28      | <29      | <28      | <28           | <26           | <28      | <27      | <29      |
| Tetrachloroethylene        | 1,760    | 3,850    | 316      | 388      | 17,100   | 991      | <b>49,500</b> | <b>34,300</b> | <28      | <27      | <29      |
| Trichloroethylene          | <26      | <30      | <26      | 59       | 38       | <28      | 242           | 46            | <28      | <27      | <29      |
| cis-1,2-Dichloroethylene   | <26      | <30      | <26      | <28      | <29      | <28      | 52            | <26           | <28      | <27      | <29      |
| trans-1,2-Dichloroethylene | <26      | <30      | <26      | <28      | <29      | <28      | <28           | <26           | <28      | <27      | <29      |
| Methylene Chloride         | 60 L     | <60      | <53      | <55      | <57      | <55      | 583           | 426           | 93 L     | <55      | <57      |
| Vinyl Chloride             | <26      | <30      | <26      | <28      | <29      | <28      | <28           | <26           | <28      | <27      | <29      |

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## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGP-19   |          | AGP-20   |          | AGP-21   | AGP-22   | AGP-23   |          | AGP-24   | AGP-25         |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|----------|
|                            | 8-9'     | 10-12'   | 4-6'     | 10-12'   | 2-4'     | 4-6'     | 6-8'     | 13.5-14' | 2-4'     | 2-4'           | 10-12'   |
| Sample Depth (ft bls)      | 02/16/00 | 02/16/00 | 02/16/00 | 02/16/00 | 02/17/00 | 02/17/00 | 02/16/00 | 02/16/00 | 02/17/00 | 02/16/00       | 02/16/00 |
| Benzene                    | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <32            | <26      |
| Ethylbenzene               | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <32            | <26      |
| Toluene                    | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <32            | <26      |
| Xylenes, Total             | <40      | <36      | <41      | <41      | <39      | <41      | <201     | <38      | <38      | <43            | <36      |
| 1,2,4-Trimethylbenzene     | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <32            | <26      |
| 1,3,5-Trimethylbenzene     | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <32            | <26      |
| Naphthalene                | 334      | <26      | <30      | <29      | 95       | 188      | 15,700   | 47       | 30       | <32            | <26      |
| 1,4-Dichlorobenzene        | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <32            | <26      |
| Tetrachloroethylene        | 507      | <26      | <30      | 86       | 33       | 742      | <134     | 162      | 460      | <b>178,000</b> | 1,960    |
| Trichloroethylene          | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <b>3,310</b>   | <26      |
| cis-1,2-Dichloroethylene   | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | 468            | <26      |
| trans-1,2-Dichloroethylene | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <32            | <26      |
| Methylene Chloride         | <58      | <52      | <59      | <59      | 97 L     | 212 L    | <280     | 94 L     | 164 L    | 137 L          | <52      |
| Vinyl Chloride             | <29      | <26      | <30      | <29      | <28      | <29      | <134     | <27      | <27      | <32            | <26      |

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## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGP-25        |  | AGP-26 |              | AGP-27 |  | AGP-28   |  |  | AGP-29   |  |  |          |  |  |          |  |  |          |  |  |          |  |  |          |  |  |          |  |  |
|----------------------------|---------------|--|--------|--------------|--------|--|----------|--|--|----------|--|--|----------|--|--|----------|--|--|----------|--|--|----------|--|--|----------|--|--|----------|--|--|
|                            | 16-18'        |  |        | 4-6'         |        |  | 16-18'   |  |  | 4-6'     |  |  | 2-4'     |  |  | 10-12'   |  |  | 18-20'   |  |  | 6-8'     |  |  | 10-12'   |  |  | 18-20'   |  |  |
| Sample Depth (ft bls)      | 16-18'        |  |        | 4-6'         |        |  | 16-18'   |  |  | 4-6'     |  |  | 2-4'     |  |  | 10-12'   |  |  | 18-20'   |  |  | 6-8'     |  |  | 10-12'   |  |  | 18-20'   |  |  |
| Sample Date                | 02/16/00      |  |        | 02/16/00     |        |  | 02/16/00 |  |  | 02/16/00 |  |  | 02/16/00 |  |  | 02/16/00 |  |  | 02/16/00 |  |  | 02/16/00 |  |  | 02/16/00 |  |  | 02/16/00 |  |  |
| Benzene                    | <28           |  |        | <29          |        |  | <27      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| Ethylbenzene               | <28           |  |        | <29          |        |  | <27      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| Toluene                    | <28           |  |        | <29          |        |  | <27      |  |  | <263     |  |  | <32      |  |  | 68       |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| Xylenes, Total             | <39           |  |        | <41          |        |  | <38      |  |  | <368     |  |  | <44      |  |  | <40      |  |  | <42      |  |  | <40      |  |  | <36      |  |  | <42      |  |  |
| 1,2,4-Trimethylbenzene     | <28           |  |        | <29          |        |  | <27      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| 1,3,5-Trimethylbenzene     | <28           |  |        | <29          |        |  | <27      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| Naphthalene                | <28           |  |        | 46           |        |  | <27      |  |  | 23,100   |  |  | 82       |  |  | 70       |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| 1,4-Dichlorobenzene        | <28           |  |        | <29          |        |  | <27      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| Tetrachloroethylene        | <b>27,000</b> |  |        | 15,300       |        |  | 19,600   |  |  | <263     |  |  | 54       |  |  | 58       |  |  | <30      |  |  | 206      |  |  | 38       |  |  | <30      |  |  |
| Trichloroethylene          | 97            |  |        | <b>1,530</b> |        |  | 110      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| cis-1,2-Dichloroethylene   | <28           |  |        | 1,110        |        |  | <27      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| trans-1,2-Dichloroethylene | <28           |  |        | 57           |        |  | <27      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |
| Methylene Chloride         | <56           |  |        | <59          |        |  | <55      |  |  | <525     |  |  | <64      |  |  | 644      |  |  | <60      |  |  | <57      |  |  | 206 L    |  |  | <60      |  |  |
| Vinyl Chloride             | <28           |  |        | <29          |        |  | <27      |  |  | <263     |  |  | <32      |  |  | <29      |  |  | <30      |  |  | <29      |  |  | <26      |  |  | <30      |  |  |

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## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGP-30   |          | AGP-31   |          |          | AGP-32   |          |          | AGP-33   |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 2-4'     | 10-12'   | 8-10'    | 12-14'   | 18-20'   | 2-4'     | 22-23'   | 23.5-24' | 2-4'     | 8-10'    |
| Sample Date                | 02/16/00 | 02/16/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/24/00 | 02/24/00 | 02/24/00 | 02/16/00 | 02/16/00 |
| Benzene                    | <28      | 53       | <28      | <27      | <136     | <28      | <31      | <31      | <28      | 166      |
| Ethylbenzene               | <28      | 53       | <28      | <27      | <136     | <28      | <31      | <31      | <28      | <30      |
| Toluene                    | <28      | 233      | 37       | 99       | <136     | <28      | <31      | <31      | 37       | <30      |
| Xylenes, Total             | <39      | 269      | <39      | 89       | <205     | <39      | <44      | <43      | 56       | <41      |
| 1,2,4-Trimethylbenzene     | <28      | 69       | <28      | 28       | <136     | <28      | 34       | <31      | 85       | <30      |
| 1,3,5-Trimethylbenzene     | <28      | <31      | <28      | <27      | <136     | <28      | <31      | <31      | <28      | <30      |
| Naphthalene                | <28      | 233      | 4,550    | 4,890    | <136     | <28      | <31      | <31      | 64       | 1,540    |
| 1,4-Dichlorobenzene        | <28      | <31      | <28      | <27      | <136     | <28      | <31      | <31      | <28      | <30      |
| Tetrachloroethylene        | <28      | <31      | 166      | 2,930    | 18,200   | 1,780    | 755,000  | 174      | <28      | 142      |
| Trichloroethylene          | <28      | <31      | <28      | 152      | <136     | 167      | 250      | <31      | <28      | <30      |
| cis-1,2-Dichloroethylene   | <28      | <31      | <28      | 71       | <136     | 134      | <31      | <31      | <28      | <30      |
| trans-1,2-Dichloroethylene | <28      | <31      | <28      | <27      | <136     | <28      | <31      | <31      | <28      | <30      |
| Methylene Chloride         | <56      | <61      | 64 L     | <54      | <284     | <56      | <62      | <62      | 64 L     | 83 L     |
| Vinyl Chloride             | <28      | <31      | <28      | <27      | <136     | <28      | <31      | <31      | <28      | <30      |

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Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Depth (ft bls)<br>Sample Date | AGP-34   |          | AGP-35        |          | AGP-36   |          |          | AGP-37   | AGP-38   |          | AGP-39 |
|---|----------|----------|---------------|----------|----------|----------|----------|----------|----------|----------|--------|
|   | 6-8'     | 4-6'     | 14-16'        | 2-4'     | 6-8'     | 14-16'   | 6-8'     | 2-4'     | 12-14'   | 2-4'     |        |
|   | 02/24/00 | 02/23/00 | 02/23/00      | 02/18/00 | 02/18/00 | 02/18/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/23/00 |        |
| Benzene   | <27      | <28      | <129          | <29      | 42       | <26      | <29      | <32      | <30      | <28      |        |
| Ethylbenzene  | <27      | <28      | <129          | <29      | <28      | <26      | <29      | <32      | <30      | <28      |        |
| Toluene   | <27      | <28      | <129          | <29      | 30       | <26      | 66       | <32      | <30      | 35       |        |
| Xylenes, Total                                      | <38      | <40      | <193          | <40      | <40      | <37      | 93       | <44      | <42      | <39      |        |
| 1,2,4-Trimethylbenzene                              | <27      | <28      | <129          | <29      | 46       | <26      | 58       | <32      | <30      | <28      |        |
| 1,3,5-Trimethylbenzene                              | <27      | <28      | <129          | <29      | <28      | <26      | <29      | <32      | <30      | <28      |        |
| Naphthalene   | <27      | 30       | <129          | <29      | 4,560    | 37       | 126      | <32      | <30      | 41       |        |
| 1,4-Dichlorobenzene                                 | <27      | <28      | <129          | <29      | 308      | <26      | <29      | <32      | <30      | <28      |        |
| Tetrachloroethylene                                 | 41       | 7,180    | <b>21,400</b> | <29      | <28      | <26      | <29      | 190      | 487      | 4,280    |        |
| Trichloroethylene                                   | <27      | <28      | <129          | <29      | <28      | <26      | 57       | <32      | <30      | <28      |        |
| cis-1,2-Dichloroethylene                            | <27      | <28      | <129          | <29      | <28      | <26      | 53       | <32      | <30      | <28      |        |
| trans-1,2-Dichloroethylene                          | <27      | <28      | <129          | <29      | <28      | <26      | <29      | <32      | <30      | <28      |        |
| Methylene Chloride                                  | <54      | <57      | <268          | <57      | 58 L     | 62 L     | 137 L    | <63      | 65 L     | <56      |        |
| Vinyl Chloride                                      | <27      | <28      | <129          | <29      | <28      | <26      | <29      | <32      | <30      | <28      |        |

Results are reported in micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) on a dry weight basis.

< Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.

\* Sample collected beneath the basement of the pre-existing building. Sample depths are feet below basement floor slab elevation.

(1) WDNR ch. NR720 Wis. Adm. Code Table 1 RCL based on protection of groundwater.

(2) Values calculated using the WDNR guidance document "Determining Residual Contaminant Levels using the U.S. EPA Soil Screening Level (SSL) Web Site, PUB-RR-682, January, 11, 2002".

  Constituent concentration exceeds WDNR RCL.

**bold** Constituent concentration exceeds the U.S. EPA SSL for direct contact (ingestion and inhalation).

ft bls Feet below land surface.

J Estimated concentration.

L Common lab solvent and contaminant.

NE Constituent standard or limit not established.

RCL Residual Contaminant Level.

U.S. EPA United States Environmental Protection Agency.

WDNR Wisconsin Department of Natural Resources.

## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Depth (ft bls)<br>Sample Date | AGP-40        |          | AGP-41     |               | AGP-42   |          | AGP-43   |          | AGP-44     |               | AGP-45   |
|---|---------------|----------|------------|---------------|----------|----------|----------|----------|------------|---------------|----------|
|   | 4-6'          | 14-14.5' | 4-6'       | 10-12'        | 2-4'     | 8-10'    | 0-2'     | 6-8'     | 0-2'       | 4-6'          | 2-4'     |
|   | 02/23/00      | 02/23/00 | 02/18/00   | 02/18/00      | 02/17/00 | 02/17/00 | 02/18/00 | 02/18/00 | 02/24/00   | 02/24/00      | 02/17/00 |
| Benzene   | <245          | <133     | 46         | <27           | <27      | <31      | <28      | <27      | <29        | <33           | <129     |
| Ethylbenzene  | <245          | <133     | <28        | <27           | <27      | <31      | <28      | <27      | <29        | <33           | <129     |
| Toluene   | <245          | <133     | <28        | <27           | <27      | <31      | <28      | <27      | <29        | 120           | <129     |
| Xylenes, Total                                      | <367          | <200     | 42         | <38           | <38      | <43      | <39      | <38      | <41        | <46           | <194     |
| 1,2,4-Trimethylbenzene                              | <245          | <133     | 40         | <27           | <27      | <31      | <28      | <27      | <29        | <33           | <129     |
| 1,3,5-Trimethylbenzene                              | <245          | <133     | <28        | <27           | <27      | <31      | <28      | <27      | <29        | <33           | <129     |
| Naphthalene   | 469           | <133     | 35         | <27           | 3,380    | 309      | 42       | <27      | 84         | 908           | 21,600   |
| 1,4-Dichlorobenzene                                 | <245          | <133     | <28        | <27           | <27      | <31      | <28      | <27      | <29        | 67            | <129     |
| Tetrachloroethylene                                 | <b>34,700</b> | 16,600   | 10,200     | <b>33,900</b> | <27      | <31      | 2,590    | 4,190    | 18,700     | <b>52,600</b> | <129     |
| Trichloroethylene                                   | <245          | <133     | <b>179</b> | <b>219</b>    | <27      | <31      | 78       | <27      | <b>175</b> | <b>1,320</b>  | <129     |
| cis-1,2-Dichloroethylene                            | <245          | <133     | <28        | <27           | <27      | <31      | <28      | <27      | <29        | 711           | <129     |
| trans-1,2-Dichloroethylene                          | <245          | <133     | <28        | <27           | <27      | <31      | <28      | <27      | <29        | 46            | <129     |
| Methylene Chloride                                  | 1270 L        | 744 L    | <56        | <55           | 163 L    | 75 L     | <56      | 72 L     | <58        | <66           | <269     |
| Vinyl Chloride                                      | <245          | <133     | <28        | <27           | <27      | <31      | <28      | <27      | <29        | <33           | <129     |

Results are reported in micrograms per kilogram (µg/kg) on a dry weight basis.

< Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.

\* Sample collected beneath the basement of the pre-existing building. Sample depths are feet below basement floor slab elevation.

(1) WDNR ch. NR720 Wis. Adm. Code Table 1 RCL based on protection of groundwater.

(2) Values calculated using the WDNR guidance document "Determining Residual Contaminant Levels using the U.S. EPA Soil Screening Level (SSL) Web Site, PUB-RR-882, January, 11, 2002".

Constituent concentration exceeds WDNR RCL.

**bold** Constituent concentration exceeds the U.S. EPA SSL for direct contact (ingestion and inhalation).

ft bls Feet below land surface.

J Estimated concentration.

L Common lab solvent and contaminant.

NE Constituent standard or limit not established.

RCL Residual Contaminant Level.

U.S. EPA United States Environmental Protection Agency.

WDNR Wisconsin Department of Natural Resources.

## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Depth (ft bls)<br>Sample Date | AGP-46   |          |          | AGP-47        |               |               | AGP-48   |               | AGP-49   |          | AGP-50   |
|---|----------|----------|----------|---------------|---------------|---------------|----------|---------------|----------|----------|----------|
|   | 2-4'     | 6-8'     | 16'      | 0-2'          | 6-8'          | 8-10'         | 0-2'     | 4-6'          | 5-6'     | 10-12'   | 8-10'    |
|   | 02/17/00 | 02/17/00 | 02/17/00 | 02/23/00      | 02/23/00      | 02/23/00      | 02/18/00 | 02/18/00      | 02/24/00 | 02/24/00 | 02/18/00 |
| Benzene   | <28      | <30      | <31      | <281          | <619          | <271          | <27      | <32           | <28      | <31      | <27      |
| Ethylbenzene  | <28      | <30      | <31      | <281          | <619          | <271          | <27      | <32           | <28      | <31      | <27      |
| Toluene   | <28      | <30      | <31      | <281          | <619          | <271          | <27      | <32           | <28      | <31      | <27      |
| Xylenes, Total                                      | <40      | <42      | <43      | <394          | <866          | <380          | <38      | <45           | <39      | <44      | <38      |
| 1,2,4-Trimethylbenzene                              | <28      | <30      | <31      | <281          | 681           | <271          | <27      | <32           | 81       | <31      | <27      |
| 1,3,5-Trimethylbenzene                              | <28      | <30      | <31      | <281          | <619          | <271          | <27      | <32           | 34       | <31      | <27      |
| Naphthalene   | <28      | <30      | <31      | <281          | <619          | <271          | 28       | <32           | 191      | <31      | <27      |
| 1,4-Dichlorobenzene                                 | <28      | <30      | <31      | <281          | <619          | <271          | <27      | <32           | <28      | <31      | <27      |
| Tetrachloroethylene                                 | <28      | 411      | <31      | <b>28,100</b> | <b>42,100</b> | <b>32,600</b> | 18,600   | <b>34,700</b> | 1,460    | 37       | 3,250    |
| Trichloroethylene                                   | <28      | 74       | <31      | 360           | 1490          | <271          | 296      | 1,670         | <28      | <31      | 52       |
| cis-1,2-Dichloroethylene                            | <28      | <30      | 120      | <281          | <619          | <271          | 39       | 1,220         | <28      | <31      | <27      |
| trans-1,2-Dichloroethylene                          | <28      | <30      | <31      | <281          | <619          | <271          | <27      | <32           | <28      | <31      | <27      |
| Methylene Chloride                                  | 100 L    | 70 L     | <62      | 1,350 L       | 2,600 L       | 1,190 L       | <55      | <64           | 157 L    | <62      | <54      |
| Vinyl Chloride                                      | <28      | <30      | <31      | <281          | <619          | <271          | <27      | <32           | <28      | <31      | <27      |

Results are reported in micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) on a dry weight basis.

< Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.

\* Sample collected beneath the basement of the pre-existing building. Sample depths are feet below basement floor slab elevation.

(1) WDNR ch. NR720 Wis. Adm. Code Table 1 RCL based on protection of groundwater.

(2) Values calculated using the WDNR guidance document "Determining Residual Contaminant Levels using the U.S. EPA Soil Screening Level (SSL) Web Site, PUB-RR-682, January, 11, 2002".

Constituent concentration exceeds WDNR RCL.

Constituent concentration exceeds the U.S. EPA SSL for direct contact (Ingestion and Inhalation).

ft bls Feet below land surface.

J Estimated concentration.

L Common lab solvent and contaminant.

NE Constituent standard or limit not established.

RCL Residual Contaminant Level.

U.S. EPA United States Environmental Protection Agency.

WDNR Wisconsin Department of Natural Resources.

## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGP-51   |          | AGP-52        | AGP-53   |            |          | AGP-54   |            | AGP-55   |          | AGP-56   |
|----------------------------|----------|----------|---------------|----------|------------|----------|----------|------------|----------|----------|----------|
|                            | 2-4'     | 6-8'     | 2-4'          | 0-2'     | 6-8'       | 16'      | 0-2'     | 8-10'      | 4-5'     | 8-10'    | 2-4'     |
| Sample Depth (ft bls)      | 02/23/00 | 02/23/00 | 02/24/00      | 02/17/00 | 02/17/00   | 02/17/00 | 02/18/00 | 02/18/00   | 02/23/00 | 02/23/00 | 02/23/00 |
| Benzene                    | <30      | <28      | <33           | <30      | <29        | <30      | <27      | <29        | <1,350   | <26      | <130     |
| Ethylbenzene               | <30      | <28      | <33           | <30      | <29        | <30      | <27      | <29        | <1,350   | <26      | <130     |
| Toluene                    | <30      | <28      | <33           | <30      | <29        | <30      | 228      | <29        | <1,350   | <26      | <130     |
| Xylenes, Total             | <42      | <40      | <46           | <42      | <40        | <42      | <38      | <40        | <2,030   | <36      | <195     |
| 1,2,4-Trimethylbenzene     | <30      | <28      | <33           | <30      | <29        | <30      | <27      | <29        | <1,350   | <26      | <130     |
| 1,3,5-Trimethylbenzene     | <30      | <28      | <33           | <30      | <29        | <30      | <27      | <29        | <1,350   | <26      | <130     |
| Naphthalene                | <30      | <28      | <33           | <30      | <29        | <30      | <27      | <29        | <1,350   | <26      | <130     |
| 1,4-Dichlorobenzene        | 2,310    | <28      | <33           | <30      | <29        | <30      | <27      | <29        | <1,350   | <26      | <130     |
| Tetrachloroethylene        | 704      | 4,420    | <b>30,300</b> | 63       | 1,830      | <30      | 238      | 13,700     | <1,350   | 3,530    | 8,320    |
| Trichloroethylene          | <30      | <28      | <b>422</b>    | <30      | <b>206</b> | <30      | <27      | <b>194</b> | <1,350   | <26      | <130     |
| cis-1,2-Dichloroethylene   | <30      | <28      | 79            | <30      | 40         | <30      | 69       | <29        | <1,350   | <26      | <130     |
| trans-1,2-Dichloroethylene | <30      | <28      | <33           | <30      | <29        | <30      | <27      | <29        | <1,350   | <26      | <130     |
| Methylene Chloride         | <61      | <57      | <66           | 179 L    | 65 L       | <61      | <54      | <57        | 8,900 L  | 74       | 714 L    |
| Vinyl Chloride             | <30      | <28      | <33           | <30      | <29        | <30      | <27      | <29        | <1,350   | <26      | <130     |

Results are reported in micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) on a dry weight basis.

< Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.

\* Sample collected beneath the basement of the pre-existing building. Sample depths are feet below basement floor slab elevation.

(1) WDNR ch. NR720 Wis. Adm. Code Table 1 RCL based on protection of groundwater.

(2) Values calculated using the WDNR guidance document "Determining Residual Contaminant Levels using the U.S. EPA Soil Screening Level (SSL) Web Site, PUB-RR-682, January, 11, 2002".

  Constituent concentration exceeds WDNR RCL.

**bold** Constituent concentration exceeds the U.S. EPA SSL for direct contact (ingestion and inhalation).

ft bls Feet below land surface.

J Estimated concentration.

L Common lab solvent and contaminant.

NE Constituent standard or limit not established.

RCL Residual Contaminant Level.

U.S. EPA United States Environmental Protection Agency.

WDNR Wisconsin Department of Natural Resources.

**ARCADIS**

**Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.                | AGP-57   |          | AGP-58   |          | AGP-59   |          | AGP-60   |          |          | AGP-61   | AGP-62   |  |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| Sample Depth (ft bls)      | 6-8'     | 4-6'     | 14-16'   | 0-2'     | 6-8'     | 2-4'     | 8-9'     | 16-18'   | 0-2'     | 1.5-2'   | 4-6'     |  |
| Sample Date                | 02/23/00 | 02/18/00 | 02/18/00 | 02/23/00 | 02/23/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/17/00 | 02/24/00 | 02/24/00 |  |
| Benzene                    | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | <28      |  |
| Ethylbenzene               | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | <28      |  |
| Toluene                    | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | <28      |  |
| Xylenes, Total             | <37      | <37      | <43      | <40      | <37      | <40      | <208     | <40      | <39      | <38      | <40      |  |
| 1,2,4-Trimethylbenzene     | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | <28      |  |
| 1,3,5-Trimethylbenzene     | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | <28      |  |
| Naphthalene                | <26      | <26      | <30      | <28      | <26      | 34       | 10,500   | <28      | 69       | <27      | 193      |  |
| 1,4-Dichlorobenzene        | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | 60       |  |
| Tetrachloroethylene        | 159      | 316      | <30      | 885      | 601      | 275      | 185      | <28      | 165      | 2,400    | 38,500   |  |
| Trichloroethylene          | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | 40       | 2,270    |  |
| cis-1,2-Dichloroethylene   | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | 2,380    |  |
| trans-1,2-Dichloroethylene | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | 110      |  |
| Methylene Chloride         | <53      | <53      | <61      | <57      | <53      | 58       | <289     | 59 L     | 83 L     | <55      | <57      |  |
| Vinyl Chloride             | <26      | <26      | <30      | <28      | <26      | <29      | <139     | <28      | <28      | <27      | <28      |  |

Results are reported in micrograms per kilogram (µg/kg) on a dry weight basis.

- < Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.
- \* Sample collected beneath the basement of the pre-existing building. Sample depths are feet below basement floor slab elevation.
- (1) WDNR ch. NR720 Wis. Adm. Code Table 1 RCL based on protection of groundwater.
- (2) Values calculated using the WDNR guidance document "Determining Residual Contaminant Levels using the U.S. EPA Soil Screening Level (SSL) Web Site, PUB-RR-682, January, 11, 2002".

- Constituent concentration exceeds WDNR RCL.
- bold** Constituent concentration exceeds the U.S. EPA SSL for direct contact (ingestion and inhalation).
- ft bls Feet below land surface.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- NE Constituent standard or limit not established.
- RCL Residual Contaminant Level.
- U.S. EPA United States Environmental Protection Agency.
- WDNR Wisconsin Department of Natural Resources.

## ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGP-63   |          | AGP-64        |                | AGP-65   |          | AGP-66     |          | AGP-70     |          |
|----------------------------|----------|----------|---------------|----------------|----------|----------|------------|----------|------------|----------|
|                            | 1.5-2'   | 4-6'     | 1.5-2'        | 4-6'           | 1.5-2'   | 4-6'     | 0-2'       | 4-6'     | 10-12'     | 18-19'   |
| Sample Depth (ft bls)      | 02/24/00 | 02/24/00 | 02/24/00      | 02/24/00       | 02/24/00 | 02/24/00 | 02/23/00   | 02/23/00 | 04/03/00   | 04/03/00 |
| Benzene                    | <29      | <28      | <32           | <31            | <32      | <30      | <29        | <29      | <28        | <130     |
| Ethylbenzene               | <29      | <28      | <32           | <31            | <32      | <30      | <29        | <29      | <28        | <130     |
| Toluene                    | <29      | <28      | <32           | <31            | 34       | <30      | 44         | <29      | 41         | <130     |
| Xylenes, Total             | <40      | <40      | <45           | <44            | <45      | <42      | <41        | <40      | <40        | <195     |
| 1,2,4-Trimethylbenzene     | <29      | <28      | <32           | <31            | <32      | <30      | 33         | <29      | <28        | <130     |
| 1,3,5-Trimethylbenzene     | <29      | <28      | <32           | <31            | <32      | <30      | <29        | <29      | <28        | <130     |
| Naphthalene                | <29      | <28      | <32           | <31            | 70       | <30      | 46         | <29      | 28         | <130     |
| 1,4-Dichlorobenzene        | <29      | <28      | <32           | <31            | <32      | <30      | <29        | <29      | <28        | <130     |
| Tetrachloroethylene        | 4,700    | 1,050    | <b>49,900</b> | <b>185,000</b> | 20,400   | 641      | 12,900     | 1,150    | 1,930      | 7,680    |
| Trichloroethylene          | <29      | <28      | <b>2,170</b>  | <b>3,020</b>   | 62       | <30      | <b>444</b> | <29      | <b>181</b> | <130     |
| cis-1,2-Dichloroethylene   | <29      | <28      | 3,200         | 2,770          | <32      | <30      | 83         | <29      | 15,900     | <130     |
| trans-1,2-Dichloroethylene | <29      | <28      | 100           | 110            | <32      | <30      | <29        | <29      | 136        | <130     |
| Methylene Chloride         | 206 L    | 215 L    | 281 L         | 138 L          | <64      | <59      | <58        | <58      | 63 L       | <270     |
| Vinyl Chloride             | <29      | <28      | <32           | <31            | <32      | <30      | <29        | <29      | 50         | <130     |

Results are reported in micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) on a dry weight basis.

< Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.

\* Sample collected beneath the basement of the existing building. Sample depths are feet below basement floor slab elevation.

(1) WDNR ch. NR720 Wis. Adm. Code Table 1 RCL based on protection of groundwater.

(2) Values calculated using the WDNR guidance document "Determining Residual Contaminant Levels using the U.S. EPA Soil Screening Level (SSL) Web Site, PUB-RR-682, January, 11, 2002".

☐ Constituent concentration exceeds WDNR RCL.

**bold** Constituent concentration exceeds the U.S. EPA SSL for direct contact (ingestion and inhalation).

ft bls Feet below land surface.

J Estimated concentration.

L Common lab solvent and contaminant.

NE Constituent standard or limit not established.

RCL Residual Contaminant Level.

U.S. EPA United States Environmental Protection Agency.

WDNR Wisconsin Department of Natural Resources.

# ARCADIS

Table 1. Soil Analytical Results, Volatile Organic Compounds, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Depth (ft bls)<br>Sample Date | AGP-71           |                        | AGP-72           |                        | WDNR <sup>(1)</sup><br>RCL | U.S. EPA Industrial SSLs <sup>(2)</sup> |                       |                            |
|---|------------------|------------------------|------------------|------------------------|----------------------------|---|-----------------------|----------------------------|
|   | 4-8'<br>04/03/00 | 14.4-14.8'<br>04/03/00 | 4-8'<br>04/03/00 | 10.2-10.5'<br>04/03/00 |                            | Ingestion                               | Inhalation<br>of Dust | Inhalation<br>of Volatiles |
| Benzene   | <27              | <28                    | <28              | <28                    | 5.5                        | 5.20E+04                                | 2.46E+08              | 1.70E+03                   |
| Ethylbenzene  | <27              | <28                    | <28              | <28                    | 2,900                      | 1.02E+08                                | 6.85E+11              | 9.40E+06                   |
| Toluene   | 47               | <28                    | <28              | <28                    | 1,500                      | 8.18E+07                                | 3.43E+12              | 3.50E+07                   |
| Xylenes, Total                                      | 100              | <39                    | <40              | <39                    | 4,100                      | 2.04E+08                                | 6.85E+10              | 1.20E+06                   |
| 1,2,4-Trimethylbenzene                              | 37               | <28                    | <28              | 80                     | NE                         | 5.11E+07                                | 4.11E+09              | 2.10E+05                   |
| 1,3,5-Trimethylbenzene                              | <27              | <28                    | <28              | <28                    | NE                         | 5.11E+07                                | 4.11E+09              | 1.20E+05                   |
| Naphthalene   | 140              | <28                    | 32               | <28                    | NE                         | 2.04E+07                                | 2.06E+09              | 2.90E+05                   |
| 1,4-Dichlorobenzene                                 | <27              | <28                    | <28              | <28                    | NE                         | NE                                      | NE                    | NE                         |
| Tetrachloroethylene                                 | 1,050            | 6,420                  | <28              | <28                    | NE                         | 5.50E+04                                | 3.31E+09              | 2.10E+04                   |
| Trichloroethylene                                   | 47               | 65                     | <28              | <28                    | NE                         | 7.15E+03                                | 1.74E+07              | 1.40E+02                   |
| cis-1,2-Dichloroethylene                            | 86               | 84                     | <28              | <28                    | NE                         | 1.02E+07                                | NE                    | NE                         |
| trans-1,2-Dichloroethylene                          | <27              | <28                    | <28              | <28                    | NE                         | 2.04E+07                                | NE                    | NE                         |
| Methylene Chloride                                  | <54              | <55                    | <57              | <56                    | NE                         | 3.82E+05                                | 4.08E+09              | 2.80E+04                   |
| Vinyl Chloride                                      | <27              | <28                    | <28              | <28                    | NE                         | 1.91E+03                                | 2.18E+05              | 5.70E+02                   |

Results are reported in micrograms per kilogram (µg/kg) on a dry weight basis.

< Constituent was not detected above the laboratory method detection limit, which is the value following the "<" sign.

\* Sample collected beneath the basement of the pre-existing building. Sample depths are feet below basement floor slab elevation.

(1) WDNR ch. NR720 Wis. Adm. Code Table 1 RCL based on protection of groundwater.

(2) Values calculated using the WDNR guidance document "Determining Residual Contaminant Levels using the U.S. EPA Soil Screening Level (SSL) Web Site, PUB-RR-682, January, 11, 2002".

☐ Constituent concentration exceeds WDNR RCL.

**bold** Constituent concentration exceeds the U.S. EPA SSL for direct contact (ingestion and inhalation).

ft bls Feet below land surface.

J Estimated concentration.

L Common lab solvent and contaminant.

NE Constituent standard or limit not established.

RCL Residual Contaminant Level.

U.S. EPA United States Environmental Protection Agency.

WDNR Wisconsin Department of Natural Resources.

ARCADIS

Table 1. Junge Property Historical Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-116 |          |          |          |          |          |          |          |          |          |          |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 07/17/00 | 09/19/00 | 11/09/00 | 01/05/01 | 03/30/01 | 09/07/01 | 12/14/01 | 03/05/02 | 05/28/02 | 09/13/02 | 12/18/02 |
| <b>VOCs (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1-Dichloroethylene        | <2.5     | <0.25    | <2.5     | <2.5     | <2.5     | <2.5     | <2.5     | <5.0     | <12      | <10      | <25      |
| Trimethylbenzenes (Total)   | <2       | <0.2     | 1.2      | <2       | <2       | <2       | <2       | <4       | <10      | <8       | <20      |
| Benzene                     | <1.0     | <0.10    | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <2.0     | <5.0     | <4.0     | <10      |
| Chloroform                  | <2.5     | <0.25    | <2.5     | <2.5     | <2.5     | <2.5     | <2.5     | <5.0     | <12      | <10      | <25      |
| Chloromethane               | <2.5     | <0.25    | <2.5     | <2.5     | <2.5     | <2.5     | <2.5     | <5.0     | <12      | 16 B     | <25      |
| cis-1,2-Dichloroethylene    | 290      | 300      | 620      | 540      | 300      | 780      | 2,000 J  | 2,100    | 2,100    | 4,900    | 7,000    |
| Methylene Chloride          | 4 L      | 0.28 L   | 9.8 L    | 5.3 L    | 8.3 L    | 7.2 L    | 7.5 L    | <5.0     | 58 L     | 67 L     | <25      |
| Naphthalene                 | <2.5     | <0.25    | <2.5     | <2.5     | <2.5     | <2.5     | <2.5     | <5.0     | <12      | <10      | <25      |
| Tetrachloroethylene         | 13       | 20       | 6.1      | <2.5     | 4.7      | 14       | 12       | <5.0     | <12      | 11       | <25      |
| Toluene                     | <1.0     | <0.10    | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <2.0     | <5.0     | <4.0 B   | <10      |
| trans-1,2-Dichloroethylene  | <2.5     | 3.4      | 12       | <2.5     | <2.5     | 6.5      | 12       | 15       | 16       | 41       | <25      |
| Trichloroethylene           | 36       | 44       | 32       | 50       | 39       | 26       | 29       | 21       | 13       | 260      | 320      |
| Vinyl Chloride              | <2.5     | 0.65     | <2.5     | <2.5     | <2.5     | <2.5     | <2.5     | <5.0     | <12      | 14       | 34       |
| <b>Miscellaneous</b>        |          |          |          |          |          |          |          |          |          |          |          |
| Total Organic Carbon (mg/L) | <5.0 M   | 4.2      | 2.7      | 3        | 1.9      | 3        | 4.8      | 3.9      | 4.7      | 8.5      | 7.1      |
| <b>Gases</b>                |          |          |          |          |          |          |          |          |          |          |          |
| Ethane (µg/L)               | 0.065    | 0.045    | 0.061    | 0.083    | 0.028    | 0.058    | 0.19     | 0.052    | 0.076    | 0.079    | 0.11     |
| Ethylene (µg/L)             | 0.078    | 0.088    | 0.147    | 0.18     | 0        | 0        | 0.85     | 0.083    | 0        | 1.7      | 2.2      |
| Methane (mg/L)              | 0.0023   | 0.0041   | 0.0068   | 0.15     | 0.0046   | 0.014    | 0.011    | 0.0059   | 0.0099   | 0.61     | 0.37     |

|             |  |
|-------------|--|
|             | Constituent concentration exceeds Chapter NR 140 PAL.  |
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES.   |
| <           | Constituent not present above method detection limit, which is the value following the "<" sign.   |
| B           | Blank is contaminated.   |
| ES          | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.   |
| ET          | Matrix interference in sample is causing an endpoint timeout.  |
| J           | Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).<br>Concentrations within this range are estimated. |
| Ja          | Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.                                     |
| L           | Common lab solvent and contaminant.  |
| M           | Matrix interference.   |
| mg/L        | Milligrams per liter.  |
| µg/L        | Micrograms per liter.  |
| NA          | Not analyzed.  |
| NE          | Chapter NR 140 Groundwater Quality Standards not established for constituent.  |
| PAL         | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.  |
| VOCs        | Volatile organic compounds.  |

## ARCADIS

Table 1. Junge Property Historical Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-116 (continued)   |          |          |          |          |          |          |          |          |          |          |          |
|-----------------------------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                 | 03/07/03   | 09/11/03 | 03/05/04 | 07/08/04 | 09/10/04 | 12/14/04 | 03/10/05 | 11/04/05 | 03/09/06 | 06/09/06 | 05/17/07 | 06/26/07 |
| <b>VOCs (µg/L)</b>          |  |          |          |          |          |          |          |          |          |          |          |          |
| 1,1-Dichloroethylene        | <25  | <25      | <50      | <25      | <20      | <25      | <16      | <16      | <40      | <10      | <0.50    | <0.50    |
| Trimethylbenzenes (Total)   | <24  | <24      | <40      | <20      | <16      | <20      | <12.8    | <12.8    | <32      | <8       | <0.4     | <0.4     |
| Benzene                     | <12  | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     | <16      | <4.0     | <0.20    | <0.20    |
| Chloroform                  | <12  | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     | <16      | <4.0     | 0.41 J   | <0.20    |
| Chloromethane               | <12  | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     | <16      | <4.0     | <0.20    | <0.20    |
| cis-1,2-Dichloroethylene    | 3,300  | 5,800    | 5,660    | 2,300    | 3,600    | 6,800    | 1,700    | 4,900    | 2,700    | 1,100    | 26       | 5        |
| Methylene Chloride          | <50  | <50      | <100     | <50      | <40      | <50      | <32      | <32      | <80      | <20      | <1.0     | <1.0     |
| Naphthalene                 | <12  | <12      | <25      | 18       | 28       | <12      | <8.0     | <8.0     | <20      | <5.0     | <0.25    | <0.25    |
| Tetrachloroethylene         | 27   | <25      | <50      | <25      | <20      | <25      | <16      | <16      | <40      | <10      | 7.9      | 1.4 Ja   |
| Toluene                     | <12  | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     | <16      | <4.0     | <0.20    | <0.20    |
| trans-1,2-Dichloroethylene  | <25  | 93       | <50      | <25      | 35       | 42       | <16      | 35 J     | <40      | 15 J     | 4.7      | 3.4      |
| Trichloroethylene           | 1,300  | 690      | 379      | 87       | 76       | 130      | 31       | 110      | <16      | <4.0     | 4.4      | 1        |
| Vinyl Chloride              | 76   | 77       | 86       | 29       | 32       | 96       | 24       | 29       | 94       | 100      | 36       | 5.2      |
| <b>Miscellaneous</b>        |  |          |          |          |          |          |          |          |          |          |          |          |
| Total Organic Carbon (mg/L) | 7.9  | 1.9      | 2.2 M    | 2.2 M    | 2.4 M    | 2.7 M    | 2.9 M    | NA       | 66.6 ET  | NA       | NA       | 5.74     |
| <b>Gases</b>                |  |          |          |          |          |          |          |          |          |          |          |          |
| Ethane (µg/L)               | 0.24   | 0.23     | 0.31     | 0.041    | 0.048    | 0.042    | 0.22     | NA       | 0.099    | 0.073    | NA       | 0.21     |
| Ethylene (µg/L)             | 5.9  | 6.3      | 3        | 0        | 0.53     | 3.6      | 0.92     | NA       | 110      | 200      | NA       | 490      |
| Methane (mg/L)              | 0.82   | 0.28     | 0.33     | 0.024    | 0.061    | 0.11     | 0.034    | NA       | 0.078    | 0.089    | NA       | 0.66     |
|                             | Constituent concentration exceeds Chapter NR 140 PAL.  |          |          |          |          |          |          |          |          |          |          |          |
| <b>Bold</b>                 | Constituent concentration exceeds Chapter NR 140 ES.   |          |          |          |          |          |          |          |          |          |          |          |
| <                           | Constituent not present above method detection limit, which is the value following the "<" sign.   |          |          |          |          |          |          |          |          |          |          |          |
| B                           | Blank is contaminated.   |          |          |          |          |          |          |          |          |          |          |          |
| ES                          | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.   |          |          |          |          |          |          |          |          |          |          |          |
| ET                          | Matrix interference in sample is causing an endpoint timeout.  |          |          |          |          |          |          |          |          |          |          |          |
| J                           | Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).<br>Concentrations within this range are estimated. |          |          |          |          |          |          |          |          |          |          |          |
| Ja                          | Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.                                     |          |          |          |          |          |          |          |          |          |          |          |
| L                           | Common lab solvent and contaminant.  |          |          |          |          |          |          |          |          |          |          |          |
| M                           | Matrix interference.   |          |          |          |          |          |          |          |          |          |          |          |
| mg/L                        | Milligrams per liter.  |          |          |          |          |          |          |          |          |          |          |          |
| µg/L                        | Micrograms per liter.  |          |          |          |          |          |          |          |          |          |          |          |
| NA                          | Not analyzed.  |          |          |          |          |          |          |          |          |          |          |          |
| NE                          | Chapter NR 140 Groundwater Quality Standards not established for constituent.  |          |          |          |          |          |          |          |          |          |          |          |
| PAL                         | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.  |          |          |          |          |          |          |          |          |          |          |          |
| VOCs                        | Volatile organic compounds.  |          |          |          |          |          |          |          |          |          |          |          |

## ARCADIS

Table 1. Junge Property Historical Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-117      |              |              |              |              |            |            |            |              |             |
|-----------------------------|---------------|--------------|--------------|--------------|--------------|------------|------------|------------|--------------|-------------|
|                             | Sample Date   | 07/17/00     | 09/12/00     | 11/10/00     | 01/04/01     | 04/02/01   | 07/26/01   | 08/07/01   | 08/23/01     | 09/06/01    |
| <b>VOCs (µg/L)</b>          |               |              |              |              |              |            |            |            |              |             |
| 1,1-Dichloroethylene        | <0.50         | <2.5         | <2.5         | <2.5         | <1.0         | <3.6       | <3.6       | <7.3       | <2.5         | <7.3        |
| Trimethylbenzenes (Total)   | <0.4          | <2           | <2           | <2           | <0.8         | <3.2       | <3.2       | <6.5       | <2           | <6.5        |
| Benzene                     | <0.20         | <1.0         | <1.0         | <1.0         | <0.40        | <1.6       | <1.6       | <3.1       | <1.0         | <3.1        |
| Chloroform                  | <0.50         | <2.5         | <2.5         | <2.5         | <1.0         | <0.90      | <0.90      | <1.8       | <2.5         | <b>6.5</b>  |
| Chloromethane               | <0.50         | <2.5         | <2.5         | <2.5         | <1.0         | <b>20</b>  | <1.9       | <3.8       | <2.5         | <3.8        |
| cis-1,2-Dichloroethylene    | <b>100</b>    | <b>440</b>   | <b>710</b>   | <b>260</b>   | <b>230</b>   | <b>330</b> | <b>610</b> | <b>580</b> | <b>430</b>   | <b>400</b>  |
| Methylene Chloride          | <b>0.98 L</b> | <b>5.6 L</b> | <b>9.5 L</b> | <b>5.1 L</b> | <b>1.5 L</b> | <4.4       | <4.4       | <8.7       | <b>6.1 L</b> | <b>32 L</b> |
| Naphthalene                 | <0.50         | <2.5         | <2.5         | <2.5         | <1.0         | <1.8       | <1.8       | <3.5       | <2.5         | <3.5        |
| Tetrachloroethylene         | <0.50         | <2.5         | <2.5         | <2.5         | <1.0         | <3.2       | <b>3.4</b> | <6.3       | <2.5         | <6.3        |
| Toluene                     | <0.20         | <1.0         | <1.0         | <1.0         | <0.40        | <2.0       | <2.0       | <3.9       | <1.0         | <3.9        |
| trans-1,2-Dichloroethylene  | 7.7           | <b>22</b>    | <b>49</b>    | 16           | 14           | 20         | <b>33</b>  | <b>32</b>  | <b>25</b>    | <b>24</b>   |
| Trichloroethylene           | <0.50         | <2.5         | <2.5         | <2.5         | <1.0         | <2.4       | <2.4       | <4.9       | <2.5         | <4.9        |
| Vinyl Chloride              | <b>29</b>     | <b>21</b>    | <b>54</b>    | <b>43</b>    | <b>23</b>    | <b>50</b>  | <b>48</b>  | <b>50</b>  | <b>37</b>    | <b>54</b>   |
| <b>Miscellaneous</b>        |               |              |              |              |              |            |            |            |              |             |
| Total Organic Carbon (mg/L) | 5.7           | 3.9          | 4.8          | 6.5          | 6            | 6          | 4          | 3.8        | 4.5          | 6.2         |
| <b>Gases</b>                |               |              |              |              |              |            |            |            |              |             |
| Ethane (µg/L)               | 0.275         | 0.099        | 0.129        | 1.2          | 0.4          | 0.34       | 0.32       | 0.37       | 0.54         | 0.83        |
| Ethylene (µg/L)             | 0.362         | 0.045        | 0.093        | 0.75         | 0.3          | 0.35       | 0.43       | 0.52       | 0.58         | 0.71        |
| Methane (mg/L)              | 0.25          | 0.0003       | 0.0162       | 0.94         | 0.28         | 0.28       | 0.16       | 0.19       | 0.33         | 0.42        |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

B Blank is contaminated.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).

Concentrations within this range are estimated.

Ja Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

L Common lab solvent and contaminant.

M Matrix interference.

mg/L Milligrams per liter.

µg/L Micrograms per liter.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Junge Property Historical Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-117 (continued)   |          |          |          |          |          |          |          |          |          |          |          |
|-----------------------------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                 | 03/05/02   | 05/28/02 | 09/12/02 | 12/18/02 | 03/10/03 | 09/09/03 | 03/05/04 | 09/10/04 | 03/10/05 | 06/09/06 | 05/17/07 | 06/26/07 |
| <b>VOCs (µg/L)</b>          |  |          |          |          |          |          |          |          |          |          |          |          |
| 1,1-Dichloroethylene        | <2.5   | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.50    | <0.50    |
| Trimethylbenzenes (Total)   | <2   | <1.6     | <1       | <0.8     | <2.4     | <5       | <4       | <4       | <2       | <2       | <0.4     | <0.4     |
| Benzene                     | <1.0   | <0.80    | 0.55     | <0.40    | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | 0.37 J   | 0.22 Ja  |
| Chloroform                  | <2.5   | <2.0     | <1.2     | <1.0     | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.20    | <0.20    |
| Chloromethane               | <2.5   | <2.0     | 1.8 B    | <1.0     | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.20    | <0.20    |
| cis-1,2-Dichloroethylene    | 310  | 320      | 690      | 290      | 610      | 460      | 450      | 340      | 230      | 270      | 35       | 94       |
| Methylene Chloride          | <2.5   | 10 L     | 14 L     | <1.0     | <5.0     | <10      | <10      | <10      | <5.0     | <5.0     | <1.0     | <1.0     |
| Naphthalene                 | <2.5   | <2.0     | <1.2     | <1.0     | <1.2     | 13       | <2.5     | <2.5     | <1.2     | <1.2     | <0.25    | <0.25    |
| Tetrachloroethylene         | <2.5   | <2.0     | <1.2     | <1.0     | <4.0     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.50    | <0.50    |
| Toluene                     | <1.0   | <0.80    | 0.8 B    | <0.40    | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.20    | <0.20    |
| trans-1,2-Dichloroethylene  | 16   | 15       | 30       | 15       | 29       | 20       | 13       | 13       | 8.5      | 11       | 3.5      | 6.3      |
| Trichloroethylene           | <2.5   | <2.0     | <1.2     | <1.0     | <2.0     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.20    | <0.20    |
| Vinyl Chloride              | 60   | 70       | 87       | 88       | 170      | 120      | 160      | 150      | 160      | 210      | 73       | 140      |
| <b>Miscellaneous</b>        |  |          |          |          |          |          |          |          |          |          |          |          |
| Total Organic Carbon (mg/L) | 5.5  | 8.4      | 7.9      | 5.3      | 7.2      | 2.2      | 2.3 M    | 3.5 M    | 3.4 M    | NA       | NA       | 2.84     |
| <b>Gases</b>                |  |          |          |          |          |          |          |          |          |          |          |          |
| Ethane (µg/L)               | 0.42   | 0.46     | 0.31     | 0.37     | 0.79     | 0.4      | 0.18     | 0.29     | 0.7      | NA       | NA       | 0.33     |
| Ethylene (µg/L)             | 0.63   | 1.2      | 1.1      | 1        | 12       | 1.2      | 3.3      | 1.2      | 2        | NA       | NA       | 2.8      |
| Methane (mg/L)              | 0.21   | 0.2      | 0.18     | 0.49     | 0.34     | 0.07     | 0.0066   | 0.15     | 0.14     | NA       | NA       | 0.29     |
|                             | Constituent concentration exceeds Chapter NR 140 PAL.  |          |          |          |          |          |          |          |          |          |          |          |
| <b>Bold</b>                 | Constituent concentration exceeds Chapter NR 140 ES.   |          |          |          |          |          |          |          |          |          |          |          |
| <                           | Constituent not present above method detection limit, which is the value following the "<" sign.   |          |          |          |          |          |          |          |          |          |          |          |
| B                           | Blank is contaminated.   |          |          |          |          |          |          |          |          |          |          |          |
| ES                          | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.   |          |          |          |          |          |          |          |          |          |          |          |
| ET                          | Matrix interference in sample is causing an endpoint timeout.  |          |          |          |          |          |          |          |          |          |          |          |
| J                           | Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).<br>Concentrations within this range are estimated. |          |          |          |          |          |          |          |          |          |          |          |
| Ja                          | Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.                                     |          |          |          |          |          |          |          |          |          |          |          |
| L                           | Common lab solvent and contaminant.  |          |          |          |          |          |          |          |          |          |          |          |
| M                           | Matrix interference.   |          |          |          |          |          |          |          |          |          |          |          |
| mg/L                        | Milligrams per liter.  |          |          |          |          |          |          |          |          |          |          |          |
| µg/L                        | Micrograms per liter.  |          |          |          |          |          |          |          |          |          |          |          |
| NA                          | Not analyzed.  |          |          |          |          |          |          |          |          |          |          |          |
| NE                          | Chapter NR 140 Groundwater Quality Standards not established for constituent.  |          |          |          |          |          |          |          |          |          |          |          |
| PAL                         | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.  |          |          |          |          |          |          |          |          |          |          |          |
| VOCs                        | Volatile organic compounds.  |          |          |          |          |          |          |          |          |          |          |          |

## ARCADIS

Table 1. Junge Property Historical Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | JMW-1       |          |          |          |          |          |          |          |          |          |          |
|-----------------------------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | Sample Date | 12/03/99 | 07/17/00 | 09/15/00 | 11/09/00 | 01/08/01 | 04/02/01 | 09/07/01 | 12/13/01 | 03/06/02 | 05/29/02 |
| <b>VOCs (µg/L)</b>          |             |          |          |          |          |          |          |          |          |          |          |
| 1,1-Dichloroethylene        | 0.83 J      | <5.0     | 0.5      | <2.5     | <2.5     | <2.5     | <6.2     | <10      | <10      | <25      | <10      |
| Trimethylbenzenes (Total)   | <0.99       | <4       | <0.2     | 4.2      | <2       | <2       | <5       | <8       | <8       | <20      | <8       |
| Benzene                     | <0.32       | <2.0     | <0.10    | <1.0     | <1.0     | <1.0     | <2.5     | <4.0     | <4.0     | <10      | <4.0     |
| Chloroform                  | <0.4        | <5.0     | <0.25    | <2.5     | <2.5     | <2.5     | <6.2     | <10      | <10      | <25      | <10      |
| Chloromethane               | <0.18       | <5.0     | <0.25    | <2.5     | <2.5     | <2.5     | <6.2     | <10      | <10      | <25      | <10      |
| cis-1,2-Dichloroethylene    | 750         | 580      | 480      | 830      | 680      | 340      | 2,000    | 1,700    | 4,000    | 1,900    | 8,400    |
| Methylene Chloride          | <2          | <5.0     | 2.2 L    | 9.5 L    | 21 L     | <2.5     | 12 L     | 23 L     | <10      | 130 L    | 60 L     |
| Naphthalene                 | <0.88       | <5.0     | <0.25    | 2.9      | <2.5     | <2.5     | <6.2     | <10      | <10      | <25      | <10      |
| Tetrachloroethylene         | 360         | 370      | 310      | 410      | 310      | 280      | 320      | 420      | 480      | 430      | 620      |
| Toluene                     | <0.35       | <2.0     | 0.12     | <1.0     | <1.0     | <1.0     | <2.5     | <4.0     | <4.0     | <10      | <4.0     |
| trans-1,2-Dichloroethylene  | 12          | <5.0     | 8        | 20       | 6.2      | 2.6      | 20       | 18       | 25       | <25      | 34       |
| Trichloroethylene           | 120         | 140      | 140      | 200      | 160      | 160      | 400      | 710      | 830      | 1,000    | 1,800    |
| Vinyl Chloride              | 20          | <5.0     | 5.8      | 30       | <2.5     | 7        | 27       | 28       | 30       | <25      | 140      |
| <b>Miscellaneous</b>        |             |          |          |          |          |          |          |          |          |          |          |
| Total Organic Carbon (mg/L) | 5.7         | <5.0 M   | 6.1      | 2.2      | 4.1      | 3.6      | 4.2      | 7.2      | 3.8      | 6.2      | 5.6 M    |
| <b>Gases</b>                |             |          |          |          |          |          |          |          |          |          |          |
| Ethane (µg/L)               | <0.5        | 0.097    | 0.104    | 0.149    | 0.23     | 0.1      | 0.45     | 0.23     | 0.15     | 0.14     | 0.13     |
| Ethylene (µg/L)             | 5           | 0.412    | 0.388    | 0.814    | 0.72     | 0.32     | 0.93     | 0.74     | 0.41     | 0.89     | 4.9      |
| Methane (mg/L)              | <0.0005     | 0.0148   | 0.0193   | 0.0196   | 0.023    | 0.013    | 0.44     | 0.19     | 0.11     | 0.046    | 0.062    |

Constituent concentration exceeds Chapter NR 140 PAL.

**Constituent concentration exceeds Chapter NR 140 ES.**

< Constituent not present above method detection limit, which is the value following the "<" sign.

B Blank is contaminated.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).

Concentrations within this range are estimated.

Ja Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

L Common lab solvent and contaminant.

M Matrix interference.

mg/L Milligrams per liter.

µg/L Micrograms per liter.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Junge Property Historical Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | JMW-1 (continued) |              |              |              |              |              |              |              |              |              |              |
|-----------------------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                             | Sample Date       | 12/18/02     | 03/10/03     | 09/11/03     | 03/05/04     | 07/08/04     | 09/10/04     | 12/14/04     | 03/10/05     | 11/04/05     | 03/09/06     |
| <b>VOCs (µg/L)</b>          |                   |              |              |              |              |              |              |              |              |              |              |
| 1,1-Dichloroethylene        | <50               | <50          | <50          | <16          | <16          | <10          | <12          | <10          | <12          | <12          | <12          |
| Trimethylbenzenes (Total)   | <40               | <50          | <50          | <12.8        | <12.8        | <8           | <10          | <8           | <10          | <10          | <10          |
| Benzene                     | <20               | <25          | <25          | <6.4         | <6.4         | <4.0         | <5.0         | <4.0         | <5.0         | <5.0         | <5.0         |
| Chloroform                  | <50               | <25          | <25          | <6.4         | <6.4         | <4.0         | <5.0         | <4.0         | <5.0         | <5.0         | <5.0         |
| Chloromethane               | <50               | <25          | <25          | <6.4         | <6.4         | <4.0         | <5.0         | <4.0         | <5.0         | <5.0         | <5.0         |
| cis-1,2-Dichloroethylene    | <b>9,600</b>      | <b>5,200</b> | <b>4,100</b> | <b>1,700</b> | <b>1,400</b> | <b>2,300</b> | <b>1,200</b> | <b>1,200</b> | <b>1,600</b> | <b>3,000</b> | <b>3,200</b> |
| Methylene Chloride          | <50               | <100         | <100         | <32          | <32          | <20          | <25          | <20          | <25          | <25          | <25          |
| Naphthalene                 | <50               | <25          | <25          | <8.0         | <8.0         | <5.0         | <6.2         | <5.0         | <6.2         | <6.2         | <6.2         |
| Tetrachloroethylene         | <b>520</b>        | <b>480</b>   | <b>280</b>   | <b>200</b>   | <b>290</b>   | <b>120</b>   | <b>190</b>   | <b>99</b>    | <b>180</b>   | <b>90</b>    | <12          |
| Toluene                     | <20               | <25          | <25          | <6.4         | <6.4         | <4.0         | <5.0         | <4.0         | <5.0         | <5.0         | <5.0         |
| trans-1,2-Dichloroethylene  | <50               | <50          | <b>57</b>    | <16          | <b>17</b>    | <b>35</b>    | <b>14</b>    | <10          | <b>20 J</b>  | <b>14 J</b>  | <12          |
| Trichloroethylene           | <b>1,600</b>      | <b>1,300</b> | <b>840</b>   | <b>530</b>   | <b>760</b>   | <b>490</b>   | <b>720</b>   | <b>400</b>   | <b>790</b>   | <b>370</b>   | <5.0         |
| Vinyl Chloride              | <b>1,100</b>      | <b>98</b>    | <b>78</b>    | <b>74</b>    | <b>200</b>   | <b>140</b>   | <b>62</b>    | <b>49</b>    | <b>57</b>    | <b>200</b>   | <b>950</b>   |
| <b>Miscellaneous</b>        |                   |              |              |              |              |              |              |              |              |              |              |
| Total Organic Carbon (mg/L) | 6.9               | 7.1          | 1.3          | 2.2 M        | 2.4 M        | 3.2 M        | 2.6 M        | 3.4 M        | NA           | 2240         | NA           |
| <b>Gases</b>                |                   |              |              |              |              |              |              |              |              |              |              |
| Ethane (µg/L)               | 0.15              | 0.11         | 0.11         | 0.32         | 0.062        | 0.11         | 0.046        | 0.21         | NA           | 0.53         | 0.16         |
| Ethylene (µg/L)             | 15                | 5.6          | 0.94         | 1.1          | 0.52         | 1.7          | 3.6          | 0.97         | NA           | 18           | 280          |
| Methane (mg/L)              | 0.095             | 0.039        | 0.016        | 0.0099       | 0.03         | 0.035        | 0.058        | 0.0061       | NA           | 0.15         | 9.2          |

Constituent concentration exceeds Chapter NR 140 PAL.

**Constituent concentration exceeds Chapter NR 140 ES.**

< Constituent not present above method detection limit, which is the value following the "<" sign.

B Blank is contaminated.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).

Concentrations within this range are estimated.

Ja Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

L Common lab solvent and contaminant.

M Matrix interference.

mg/L Milligrams per liter.

µg/L Micrograms per liter.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Junge Property Historical Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date  | JMW-1 (continued) |             | JMW-2      |            |            |            |            |            |            |            |
|-----------------------------|-------------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                             | 05/17/07          | 06/26/07    | 10/18/02   | 12/18/02   | 03/10/03   | 09/11/03   | 03/05/04   | 09/10/04   | 03/10/05   | 03/09/06   |
| <b>VOCs (µg/L)</b>          |                   |             |            |            |            |            |            |            |            |            |
| 1,1-Dichloroethylene        | <0.50             | <0.50       | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       | <2.0       |
| Trimethylbenzenes (Total)   | <0.4              | <0.4        | <0.2       | <1.6       | <4         | <5         | <1.6       | <2         | <0.8       | <1.6       |
| Benzene                     | <0.20             | <0.20       | <0.10      | <0.80      | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      | <0.80      |
| Chloroform                  | <0.20             | <0.20       | <0.25      | <2.0       | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      | <0.80      |
| Chloromethane               | <0.20             | <0.20       | <0.25      | <2.0       | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      | <0.80      |
| cis-1,2-Dichloroethylene    | 2.1               | 0.89 Ja     | <b>400</b> | <b>380</b> | <b>390</b> | <b>660</b> | <b>230</b> | <b>120</b> | <b>64</b>  | <b>150</b> |
| Methylene Chloride          | <1.0              | <1.0        | <0.25      | <2.0       | <8.0       | <10        | <4.0       | <5.0       | <2.0       | <4.0       |
| Naphthalene                 | <0.25             | <0.25       | <0.25      | <2.0       | <2.0       | <2.5       | <1.0       | <1.2       | <0.50      | <1.0       |
| Tetrachloroethylene         | <0.50             | <0.50       | <b>28</b>  | <b>23</b>  | <b>24</b>  | <b>31</b>  | <b>18</b>  | <b>16</b>  | <b>8.6</b> | <b>12</b>  |
| Toluene                     | <0.20             | <0.20       | <0.10      | <0.80      | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      | <0.80      |
| trans-1,2-Dichloroethylene  | 6.8               | 9.6         | 18         | 12         | 13         | 20         | 5.2        | 5          | 3.1        | 5.4 J      |
| Trichloroethylene           | <b>1.2</b>        | <b>0.74</b> | <b>48</b>  | <b>42</b>  | <b>37</b>  | <b>53</b>  | <b>24</b>  | <b>25</b>  | <b>14</b>  | <b>18</b>  |
| Vinyl Chloride              | <b>1.2</b>        | <b>1</b>    | <b>1.3</b> | <2.0       | <4.0       | <2.5       | <b>9.4</b> | <1.0       | <b>0.9</b> | <b>6.2</b> |
| <b>Miscellaneous</b>        |                   |             |            |            |            |            |            |            |            |            |
| Total Organic Carbon (mg/L) | NA                | 10.7        | NA         | 5.6        | 6.2        | 2.2        | 1.6 M      | 4.1 M      | 2.9 M      | 3.83 ET    |
| <b>Gases</b>                |                   |             |            |            |            |            |            |            |            |            |
| Ethane (µg/L)               | NA                | 0.83        | NA         | 0.074      | 0.079      | 0.078      | 0.052      | 0.094      | 0.39       | 0.028      |
| Ethylene (µg/L)             | NA                | 540         | NA         | 0.26       | 0.23       | 0.64       | 1.9        | 0.19       | 1.1        | 0.048      |
| Methane (mg/L)              | NA                | 15          | NA         | 0.01       | 0.014      | 0.0037     | 0.013      | 0.0092     | 0.013      | 0.0069     |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

< Constituent not present above method detection limit, which is the value following the "<" sign.

B Blank is contaminated.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).  
Concentrations within this range are estimated.

Ja Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

L Common lab solvent and contaminant.

M Matrix interference.

mg/L Milligrams per liter.

µg/L Micrograms per liter.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Junge Property Historical Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date  | JMW-2 (continued)  |          |          | ES    | PAL  |
|-----------------------------|--|----------|----------|-------|------|
|                             | 06/09/06   | 05/17/07 | 06/26/07 |       |      |
| <b>VOCs (µg/L)</b>          |  |          |          |       |      |
| 1,1-Dichloroethylene        | <1.0   | <0.50    | <0.50    | 7     | 0.7  |
| Trimethylbenzenes (Total)   | <0.8   | <0.4     | <0.4     | 480   | 96   |
| Benzene                     | <0.40  | <0.20    | <0.20    | 5     | 0.5  |
| Chloroform                  | <0.40  | <0.20    | <0.20    | 6     | 0.6  |
| Chloromethane               | <0.40  | <0.20    | <0.20    | 3     | 0.3  |
| cis-1,2-Dichloroethylene    | 90   | 28       | 48       | 70    | 7    |
| Methylene Chloride          | <2.0   | <1.0     | <1.0     | 5     | 0.5  |
| Naphthalene                 | <0.50  | <0.25    | <0.25    | 100   | 10   |
| Tetrachloroethylene         | 10   | 9.5      | 15       | 5     | 0.5  |
| Toluene                     | <0.40  | <0.20    | <0.20    | 1,000 | 200  |
| trans-1,2-Dichloroethylene  | 4.5  | 1.9      | 2.9      | 100   | 20   |
| Trichloroethylene           | 16   | 12       | 20       | 5     | 0.5  |
| Vinyl Chloride              | 1.8  | <0.20    | 0.61 Ja  | 0.2   | 0.02 |
| <b>Miscellaneous</b>        |  |          |          |       |      |
| Total Organic Carbon (mg/L) | NA   | NA       | 3.09     | --    | --   |
| <b>Gases</b>                |  |          |          |       |      |
| Ethane (µg/L)               | 0.056  | NA       | 0.032    | --    | --   |
| Ethylene (µg/L)             | 0.27   | NA       | 0.53     | --    | --   |
| Methane (mg/L)              | 0.0036   | NA       | 0.0059   | --    | --   |
|                             | Constituent concentration exceeds Chapter NR 140 PAL.  |          |          |       |      |
| <b>Bold</b>                 | Constituent concentration exceeds Chapter NR 140 ES.   |          |          |       |      |
| <                           | Constituent not present above method detection limit, which is the value following the "<" sign.   |          |          |       |      |
| B                           | Blank is contaminated.   |          |          |       |      |
| ES                          | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.   |          |          |       |      |
| ET                          | Matrix interference in sample is causing an endpoint timeout.  |          |          |       |      |
| J                           | Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).<br>Concentrations within this range are estimated. |          |          |       |      |
| Ja                          | Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.                                     |          |          |       |      |
| L                           | Common lab solvent and contaminant.  |          |          |       |      |
| M                           | Matrix interference.   |          |          |       |      |
| mg/L                        | Milligrams per liter.  |          |          |       |      |
| µg/L                        | Micrograms per liter.  |          |          |       |      |
| NA                          | Not analyzed.  |          |          |       |      |
| NE                          | Chapter NR 140 Groundwater Quality Standards not established for constituent.  |          |          |       |      |
| PAL                         | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.  |          |          |       |      |
| VOCs                        | Volatile organic compounds.  |          |          |       |      |

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-101 |          |          |          |          |          |          |          |          | AGMW-102 |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 12/06/99 | 09/19/00 | 03/27/01 | 09/05/01 | 03/08/02 | 09/11/02 | 03/05/03 | 03/02/04 | 03/08/05 | 12/06/99 | 09/20/00 | 03/27/01 | 09/05/01 |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.45    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethane         | 1.1 J    | 0.51     | <0.25    | 0.53     | 0.41     | <0.25    | <0.50    | 0.77     | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.39    | <0.25    | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.35    | <0.10    | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <0.64    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.64    | <0.10    | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.28    | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.32    | <0.10    | <0.10    | <0.10    |
| Chloroethane               | <0.13    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | <0.13    | <0.25    | <0.25    | <0.25    |
| Chloroform                 | <0.4     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.4     | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.18    | <0.25    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | <0.32    | 0.52     | <0.25    | <0.25    | 3.8      | <0.25    | <0.50    | <0.50    | <0.50    | 1.9      | <0.25    | <0.25    | <0.25    |
| Dichlorodifluoromethane    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.28    | <0.25    | <0.25    | <0.25    |
| Ethylbenzene               | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    |
| Isopropylbenzene           | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.34    | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <2       | <0.25    | 9.9      | 0.95 L   | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | <2       | 0.4 L    | 0.67 L   | 1.5 L    |
| Methyl-t-butyl ether       | 7.6      | 1.8      | 2        | 3.4      | 3.4      | 1.4      | 4.2      | 4        | 3        | 2        | 0.57     | <0.25    | 0.79     |
| Naphthalene                | <0.88    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.88    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.3     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.3     | <0.25    | <0.25    | <0.25    |
| sec-Butylbenzene           | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.35    | 1.6      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.35    | <0.25    | <0.25    | <0.25    |
| Toluene                    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | 0.29     | <0.25    | <0.20    | <0.20    | <0.35    | <0.10    | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.38    | <0.25    | <0.25    | <0.25    |
| Trichloroethylene          | 0.61 J   | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.48    | <0.25    | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <0.99    | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.4     | <0.99    | <0.2     | <0.2     | <0.2     |
| Vinyl Chloride             | <0.15    | <0.25    | <0.25    | <0.25    | 1.1      | <0.25    | <0.50    | <0.20    | <0.20    | <0.15    | <0.25    | <0.25    | <0.25    |
| Xylene, o                  | <0.32    | NA       | <0.32    | NA       | NA       | NA       |
| Xylenes, Total             | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | NA       | <0.25    | <0.25    | <0.25    |
| <b>Gases</b>               |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA       | 35.13    | 46       | NA       | 175.1    | 140      | NA       |
| Carbon Monoxide (mg/L)     | NA       | <0.4     | NA       | <0.4     | NA       | NA       |
| Ethane (µg/L)              | <0.5     | <0.005   | <0.005   | NA       | NA       | NA       | NA       | NA       | NA       | 5.2      | 0.007    | <0.005   | NA       |
| Ethylene (µg/L)            | <0.5     | <0.005   | <0.005   | NA       | NA       | NA       | NA       | NA       | NA       | <0.5     | <0.005   | <0.005   | NA       |
| Methane (µg/L)             | 14       | 0.047    | 0.92     | NA       | NA       | NA       | NA       | NA       | NA       | 5.8      | 0.857    | 1.8      | NA       |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date  | AGMW-101 |          |          |          |          |          |          |          |          | AGMW-102 |          |          |          |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 12/06/99 | 09/19/00 | 03/27/01 | 09/05/01 | 03/08/02 | 09/11/02 | 03/05/03 | 03/02/04 | 03/08/05 | 12/06/99 | 09/20/00 | 03/27/01 | 09/05/01 |
| <b>Gases (continued)</b>    |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | NA       | 18.57    | 22       | NA       | 16.17    | 21       | NA       |
| Oxygen (mg/L)               | NA       | 1.76     | 2.3      | NA       | 1.86     | 2.2      | NA       |
| <b>Field Data</b>           |          |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.15     | 0.22     | 0.16     | 0.08     | 0.05     | 0.5      | 0.36     | 0.05     | 0.14     | 4 *      | 0.28     | 0.18     | 0.12     |
| Iron, Ferrous (mg/L)        | NM       | NM       | 0.1      | 0.3      | 0.1      | 0        | 0.4      | 0.06     | NA       | NM       | NM       | 0        | 0        |
| Iron, Total (mg/L)          | NM       | 0.25     | 0.11     | 0.4      | 0.1      | 0.06     | 0.4      | 0.12     | NA       | NM       | 0.1      | 0.04     | 0        |
| ORP (mV)                    | -31.6    | -145.9   | -5.3     | -221.8   | -0.8     | -171.9   | 257.8    | -81.6    | -39.8    | 39.1     | -209.2   | 146.6    | -154.5   |
| pH                          | 7.21     | 7.02     | 7.1      | 7.15     | 7.17     | 7.39     | 7.13     | 7.29     | 6.88     | 6.76     | 6.62     | 6.69     | 6.64     |
| Specific Conductance (µS)   | 3,172    | 1,700    | 2,668    | 3,112    | 3,504    | 2,086    | 4,052    | 4,903    | 4,334    | 2,680    | 3,388    | 5,344    | 4,380    |
| Temperature (°C)            | 14.09    | 15.02    | 8.32     | 15.16    | 9.6      | 14.94    | 7.82     | 9.3      | 8.82     | 13.72    | 15.09    | 6.73     | 15.97    |
| Alkalinity, total (CaCO3)   | NA       |
| Total Organic Carbon (mg/L) | 8.3      | 4.8      | 3.2      | NA       | NA       | NA       | NA       | NA       | NA       | 9.4      | 7.2      | 4.2      | NA       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix Interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.                | AGMW-102 (continued) |          |          |          |          |          | AGMW-103 |          |          |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/08/02             | 09/11/02 | 03/04/03 | 12/06/99 | 09/20/00 | 03/30/01 | 09/05/01 | 03/08/02 | 09/11/02 | 03/04/03 | 03/02/04 | 03/09/05 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25                | <0.25    | <0.50    | <0.45    | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| 1,1-Dichloroethane         | <0.25                | <0.25    | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| 1,1-Dichloroethylene       | <0.25                | <0.25    | <0.50    | <0.39    | <0.25    | <0.73    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| 1,2,4-Trimethylbenzene     | <0.10                | <0.10    | <0.25    | <0.35    | <0.10    | <0.32    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    |
| 1,3,5-Trimethylbenzene     | <0.10                | <0.10    | <0.25    | <0.64    | <0.10    | <0.33    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    |
| 1,4-Dichlorobenzene        | <0.25                | <0.25    | <0.25    | <0.28    | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Benzene                    | <0.10                | <0.10    | <0.25    | <0.32    | <0.10    | <0.31    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    |
| Chloroethane               | <0.25                | <0.25    | <1.0     | <0.13    | <0.25    | <1.2     | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     |
| Chloroform                 | <0.25                | <0.25    | <0.25    | <0.4     | <0.25    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Chloromethane              | <0.25                | <0.25    | <0.25    | <0.18    | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| cis-1,2-Dichloroethylene   | <0.25                | <0.25    | <0.50    | 92       | 3.6      | 3        | 4.8      | 5.6      | 2.4      | 3.8      | 7.8      | 0.68     |
| Dichlorodifluoromethane    | <0.25                | <0.25    | <0.50    | <0.28    | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Ethylbenzene               | <0.25                | <0.25    | <0.50    | <0.34    | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Isopropylbenzene           | <0.25                | <0.25    | <0.25    | <0.34    | <0.25    | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Methylene Chloride         | <0.25                | <0.25    | 1.3 L    | <2       | 0.62 L   | <0.87    | 1.4 L    | <0.25    | <0.25    | 1.3 L    | <1.0     | <1.0     |
| Methyl-t-butyl ether       | <0.25                | <0.25    | <0.50    | <0.31    | <0.25    | <0.14    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Naphthalene                | <0.25                | <0.25    | <0.25    | <0.88    | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.25                | <0.25    | <0.50    | <0.3     | <0.25    | <0.46    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| sec-Butylbenzene           | <0.25                | <0.25    | <0.25    | <0.34    | <0.25    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.25                | <0.25    | <0.50    | <0.35    | <0.25    | <0.63    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Toluene                    | <0.10                | 0.52     | <0.25    | 1.5      | <0.10    | <0.39    | <0.10    | <0.10    | 0.51     | <0.25    | <0.20    | <0.20    |
| trans-1,2-Dichloroethylene | <0.25                | <0.25    | <0.50    | 0.46 J   | <0.25    | <0.39    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Trichloroethylene          | <0.25                | <0.25    | <0.25    | 0.78 J   | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Trimethylbenzenes (Total)  | <0.2                 | <0.2     | <0.5     | <0.99    | <0.2     | <0.65    | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.4     |
| Vinyl Chloride             | <0.25                | <0.25    | <0.50    | 3.8      | <0.25    | <0.46    | <0.25    | 0.27     | <0.25    | <0.50    | <0.20    | <0.20    |
| Xylene, o                  | NA                   | NA       | NA       | 2.3      | NA       |
| Xylenes, Total             | <0.25                | <0.25    | <0.50    | NA       | <0.25    | <1.1     | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA                   | NA       | NA       | NA       | 142.1    | 100      | NA       | NA       | NA       | NA       | NA       | NA       |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | <0.4     | NA       |
| Ethane (µg/L)              | NA                   | NA       | NA       | <0.5     | 0.036    | <0.005   | NA       | NA       | NA       | NA       | NA       | NA       |
| Ethylene (µg/L)            | NA                   | NA       | NA       | <0.5     | 0.031    | <0.005   | NA       | NA       | NA       | NA       | NA       | NA       |
| Methane (µg/L)             | NA                   | NA       | NA       | 8.4      | 3.555    | 0.14     | NA       | NA       | NA       | NA       | NA       | NA       |

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# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-102 (continued) |          |          |          | AGMW-103 |          |          |          |          |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                 | 03/08/02             | 09/11/02 | 03/04/03 | 12/06/99 | 09/20/00 | 03/30/01 | 09/05/01 | 03/08/02 | 09/11/02 | 03/04/03 | 03/02/04 | 03/09/05 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | NA                   | NA       | NA       | NA       | 14.3     | 18       | NA       | NA       | NA       | NA       | NA       | NA       |
| Oxygen (mg/L)               | NA                   | NA       | NA       | NA       | 1.78     | 3.5      | NA       | NA       | NA       | NA       | NA       | NA       |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.26                 | 1.27     | 0.27     | 5.34 *   | 0.17     | 0.16     | 0.4      | 0.35     | 0.28     | 0.15     | 1.05     | 1.16     |
| Iron, Ferrous (mg/L)        | 0                    | 0        | 0        | NM       | NM       | 0        | 0        | 0        | 0        | 0        | 0        | NA       |
| Iron, Total (mg/L)          | 0                    | 0        | 0        | NM       | 0.12     | 0        | 0        | 0.06     | 0        | 0        | 0.24     | NA       |
| ORP (mV)                    | -9.1                 | -45.2    | 6.8      | 62.5     | 20.7     | -31.7    | -37.1    | 15.7     | -55.1    | -96.7    | 38       | -1.4     |
| pH                          | 6.62                 | 6.91     | 7.02     | 6.89     | 6.7      | 6.83     | 6.61     | 6.85     | 6.91     | 7.18     | 7.06     | 6.86     |
| Specific Conductance (µS)   | 4,821                | 3,890    | 3,242    | 1,989    | 2,292    | 2,382    | 2,810    | 3,336    | 2,936    | 2,208    | 2,662    | 2,796    |
| Temperature (°C)            | 9.54                 | 16.48    | 9.91     | 14.7     | 15.2     | 9.43     | 14.75    | 10.9     | 15.52    | 11.07    | 8.75     | 10.54    |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | NA                   | NA       | NA       | 23       | 3.9      | 3.5      | NA       | NA       | NA       | NA       | NA       | NA       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-104 |          |          |          |          |          |          |          |          | AGMW-105 |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 12/06/99 | 09/20/00 | 03/30/01 | 09/05/01 | 03/08/02 | 09/11/02 | 03/04/03 | 03/02/04 | 03/08/05 | 12/06/99 | 09/20/00 | 03/27/01 | 09/05/01 |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.45    | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.45    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethane         | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <0.39    | <0.25    | <0.73    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.39    | <0.25    | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <0.35    | <0.10    | <0.32    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.35    | <0.10    | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <0.64    | <0.10    | <0.33    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.64    | <0.10    | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <0.28    | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.28    | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.32    | <0.10    | <0.31    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.32    | <0.10    | <0.10    | <0.10    |
| Chloroethane               | <0.13    | <0.25    | <1.2     | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | <0.13    | <0.25    | <0.25    | <0.25    |
| Chloroform                 | 1 J      | 0.84     | 1        | 1.8      | 0.8      | 0.77     | 0.64     | 0.73     | 0.6      | <0.4     | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.18    | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.18    | <0.25    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | <0.32    | <0.25    | <0.23    | <0.25    | 2.2      | <0.25    | <0.50    | <0.50    | <0.50    | <0.32    | 0.25     | <0.25    | 0.54     |
| Dichlorodifluoromethane    | <0.28    | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.28    | <0.25    | <0.25    | <0.25    |
| Ethylbenzene               | <0.34    | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    |
| Isopropylbenzene           | <0.34    | <0.25    | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.34    | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <2       | 0.31 L   | <0.87    | 1.3 L    | <0.25    | <0.25    | 1.1 L    | <1.0     | <1.0     | <2       | 0.29 L   | <0.25    | 1.8 L    |
| Methyl-t-butyl ether       | <0.31    | <0.25    | <0.14    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.31    | <0.25    | <0.25    | <0.25    |
| Naphthalene                | <0.88    | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.88    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.3     | <0.25    | <0.46    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.3     | <0.25    | <0.25    | <0.25    |
| sec-Butylbenzene           | <0.34    | <0.25    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.35    | <0.25    | <0.63    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.35    | <0.25    | <0.25    | <0.25    |
| Toluene                    | <0.35    | <0.10    | <0.39    | <0.10    | <0.10    | 0.63     | <0.25    | <0.20    | <0.20    | <0.35    | <0.10    | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | <0.38    | <0.25    | <0.39    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.38    | <0.25    | <0.25    | <0.25    |
| Trichloroethylene          | <0.48    | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | 0.52 J   | <0.25    | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <0.99    | <0.2     | <0.65    | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.4     | <0.99    | <0.2     | <0.2     | <0.2     |
| Vinyl Chloride             | <0.15    | <0.25    | <0.46    | <0.25    | 0.58     | <0.25    | <0.50    | <0.20    | <0.20    | <0.15    | <0.25    | <0.25    | <0.25    |
| Xylene, o                  | <0.32    | NA       | <0.32    | NA       | NA       | NA       |
| Xylenes, Total             | NA       | <0.25    | <1.1     | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | NA       | <0.25    | <0.25    | <0.25    |
| <b>Gases</b>               |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA       | 11.88    | 7.7      | NA       | 36.57    | 37       | NA       |
| Carbon Monoxide (mg/L)     | NA       | <0.4     | NA       | <0.4     | NA       | NA       |
| Ethane (µg/L)              | <0.5     | <0.005   | <0.005   | NA       | NA       | NA       | NA       | NA       | NA       | <0.5     | <0.005   | <0.005   | NA       |
| Ethylene (µg/L)            | <0.5     | <0.005   | <0.005   | NA       | NA       | NA       | NA       | NA       | NA       | <0.5     | <0.005   | <0.005   | NA       |
| Methane (µg/L)             | 1        | 0.03     | 0.3      | NA       | NA       | NA       | NA       | NA       | NA       | <0.5     | 0.515    | 0.73     | NA       |

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# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date  | AGMW-104 |          |          |          |          |          |          |          | AGMW-105 |          |          |          |          |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 12/06/99 | 09/20/00 | 03/30/01 | 09/05/01 | 03/08/02 | 09/11/02 | 03/04/03 | 03/02/04 | 03/08/05 | 12/06/99 | 09/20/00 | 03/27/01 | 09/05/01 |
| <b>Gases (continued)</b>    |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | NA       | 15.12    | 19       | NA       | 17.82    | 23       | NA       |
| Oxygen (mg/L)               | NA       | 1.76     | 7.9      | NA       | 2.06     | 3.9      | NA       |
| <b>Field Data</b>           |          |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.91     | 0.18     | 4.32 *   | 0.36     | 0.13     | 0.7      | 7.79 *   | 1.22     | 0.94     | 0.34     | 0.23     | 0.34     | 0.2      |
| Iron, Ferrous (mg/L)        | NM       | NM       | 0.04     | 0        | 0        | 0        | 0        | 0        | NA       | NM       | NM       | 0.04     | 0        |
| Iron, Total (mg/L)          | NM       | 0.04     | 0.1      | 0        | 0        | 0        | 0        | 0        | NA       | NM       | 0        | 0.06     | 0        |
| ORP (mV)                    | 21.9     | 12.7     | 181.5    | 24.2     | 65.2     | 182.5    | 303.8    | 99.7     | 61.4     | 54.5     | 61.6     | 217      | -52.3    |
| pH                          | 7.15     | 6.99     | 7.26     | 7.06     | 7.13     | 7.31     | 7.72     | 7.33     | 7.02     | 7.09     | 7.06     | 7.12     | 7.08     |
| Specific Conductance (µS)   | 748      | 975      | 810      | 1,716    | 1,441    | 1,040    | 372      | 1,344    | 1,299    | 1,425    | 1,439    | 1,227    | 1,698    |
| Temperature (°C)            | 14.12    | 15.15    | 8.2      | 15.55    | 10.24    | 15.58    | 9.12     | 9.51     | 9.36     | 14.17    | 15.19    | 8.13     | 14.88    |
| Alkalinity, total (CaCO3)   | NA       |
| Total Organic Carbon (mg/L) | 2.1      | 1.1      | 0.77     | NA       | NA       | NA       | NA       | NA       | NA       | 3.3      | 1.8      | 1.3      | NA       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-105 (continued) |          |          |          |          |          | AGMW-106 |          |          |          |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/08/02             | 09/11/02 | 03/04/03 | 01/14/00 | 01/14/00 | 09/19/00 | 03/27/01 | 09/04/01 | 03/08/02 | 09/10/02 | 03/04/03 | 03/02/04 | 03/08/05 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25                | <0.25    | <0.50    | NA       | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| 1,1-Dichloroethane         | <0.25                | <0.25    | <0.50    | NA       | <0.32    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| 1,1-Dichloroethylene       | <0.25                | <0.25    | <0.50    | NA       | <0.61    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| 1,2,4-Trimethylbenzene     | <0.10                | <0.10    | <0.25    | NA       | <0.34    | 0.1      | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    |
| 1,3,5-Trimethylbenzene     | <0.10                | <0.10    | <0.25    | NA       | <0.36    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    |
| 1,4-Dichlorobenzene        | <0.25                | <0.25    | <0.25    | NA       | <0.26    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Benzene                    | <0.10                | <0.10    | <0.25    | NA       | <0.25    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    |
| Chloroethane               | <0.25                | <0.25    | <1.0     | NA       | <0.15    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     |
| Chloroform                 | <0.25                | <0.25    | <0.25    | NA       | <0.26    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Chloromethane              | <0.25                | <0.25    | <0.25    | NA       | <0.29    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| cis-1,2-Dichloroethylene   | <0.25                | <0.25    | <0.50    | NA       | <0.34    | 0.38     | <0.25    | <0.25    | 2.4      | <0.25    | <0.50    | <0.50    | <0.50    |
| Dichlorodifluoromethane    | <0.25                | <0.25    | <0.50    | NA       | <0.54    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Ethylbenzene               | <0.25                | <0.25    | <0.50    | NA       | <0.32    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Isopropylbenzene           | <0.25                | <0.25    | <0.25    | NA       | <0.33    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Methylene Chloride         | <0.25                | <0.25    | 1.1 L    | NA       | <2       | 0.27 L   | 1.1 L    | 1.5 L    | <0.25    | <0.25    | 1.1 L    | <1.0     | <1.0     |
| Methyl-t-butyl ether       | <0.25                | <0.25    | <0.50    | NA       | <0.21    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Naphthalene                | <0.25                | <0.25    | <0.25    | NA       | <0.73    | <0.25    | <0.25    | <0.25    | <0.25    | 0.38     | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.25                | <0.25    | <0.50    | NA       | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| sec-Butylbenzene           | <0.25                | <0.25    | <0.25    | NA       | <0.37    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.25                | <0.25    | <0.50    | NA       | <0.56    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Toluene                    | <0.10                | 0.68     | <0.25    | NA       | <0.38    | 0.24     | <0.10    | <0.10    | <0.10    | 1.6 B    | <0.25    | <0.20    | <0.20    |
| trans-1,2-Dichloroethylene | <0.25                | <0.25    | <0.50    | NA       | <0.46    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| Trichloroethylene          | <0.25                | <0.25    | <0.25    | NA       | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Trimethylbenzenes (Total)  | <0.2                 | <0.2     | <0.5     | NA       | <0.7     | 0.1      | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.4     |
| Vinyl Chloride             | <0.25                | <0.25    | <0.50    | NA       | <0.32    | <0.25    | <0.25    | <0.25    | 0.68     | <0.25    | <0.50    | <0.20    | <0.20    |
| Xylene, o                  | NA                   | NA       | NA       | NA       | <0.37    | NA       |
| Xylenes, Total             | <0.25                | <0.25    | <0.50    | NA       | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA                   | NA       | NA       | NA       | NA       | 66.73    | 57       | NA       | NA       | NA       | NA       | NA       | NA       |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | NA       | <0.4     | NA       |
| Ethane (µg/L)              | NA                   | NA       | NA       | NA       | <0.5     | <0.005   | <0.005   | NA       | NA       | NA       | NA       | NA       | NA       |
| Ethylene (µg/L)            | NA                   | NA       | NA       | NA       | <0.5     | <0.005   | <0.005   | NA       | NA       | NA       | NA       | NA       | NA       |
| Methane (µg/L)             | NA                   | NA       | NA       | NA       | 0.71     | 0.114    | 0.86     | NA       | NA       | NA       | NA       | NA       | NA       |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date  | AGMW-105 (continued) |          |          |          |          |          | AGMW-106 |          |          |          |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 03/08/02             | 09/11/02 | 03/04/03 | 01/14/00 | 01/14/00 | 09/19/00 | 03/27/01 | 09/04/01 | 03/08/02 | 09/10/02 | 03/04/03 | 03/02/04 | 03/08/05 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | NA                   | NA       | NA       | NA       | NA       | 15.83    | 22       | NA       | NA       | NA       | NA       | NA       | NA       |
| Oxygen (mg/L)               | NA                   | NA       | NA       | NA       | NA       | 5.07     | 6        | NA       | NA       | NA       | NA       | NA       | NA       |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 1.27                 | 0.65     | 0.89     | NM       | NA       | 0.4      | 1.77     | NM       | 0.01     | 0.46     | 4.92 *   | 0.12     | 0.2      |
| Iron, Ferrous (mg/L)        | 0                    | 0        | 0        | NM       | NA       | NM       | 0.08     | NM       | 0        | 0.4      | 0        | 0        | NA       |
| Iron, Total (mg/L)          | 0                    | 0        | 0        | NM       | NA       | 0.1      | 0.14     | NM       | 0        | 0.48     | 0.04     | 0        | NA       |
| ORP (mV)                    | 57.8                 | -15.9    | 224.3    | NM       | NA       | 99.2     | 298.6    | NM       | 74.4     | -86.99   | 13.4     | -81.2    | -109.7   |
| pH                          | 7                    | 7.03     | 7.37     | NM       | NA       | 6.89     | 7.03     | NM       | 7.03     | 7.02     | 7.43     | 7.15     | 6.85     |
| Specific Conductance (µS)   | 1,543                | 1,500    | 769      | NM       | NA       | 3,573    | 2,368    | NM       | 3,194    | 5,374    | 742      | 2510     | 3,819    |
| Temperature (°C)            | 9.44                 | 15.49    | 8.87     | NM       | NA       | 13.48    | 8.13     | NM       | 9.28     | 13.62    | 6.84     | 8.92     | 8.83     |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | NA                   | NA       | NA       | NA       | NA       | 2        | 1.5      | NA       | NA       | NA       | NA       | NA       | NA       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-107 |          |          |          |          |          |          |          |          | AGMW-108 |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 12/06/99 | 09/20/00 | 03/30/01 | 09/05/01 | 03/11/02 | 09/10/02 | 03/04/03 | 03/02/04 | 03/09/05 | 05/08/00 | 07/14/00 | 09/13/00 | 11/08/00 |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.45    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethane         | <0.34    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <0.39    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <0.35    | <0.20    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.10    | <0.10    | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <0.64    | <0.20    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.10    | <0.10    | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <0.28    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.32    | <0.20    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.10    | <0.10    | <0.10    | <0.10    |
| Chloroethane               | <0.13    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    |
| Chloroform                 | <0.4     | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.18    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | 90       | 65       | 60       | 44       | 31       | 21       | 20       | 16       | 9.2      | <0.25    | <0.25    | <0.25    | 28       |
| Dichlorodifluoromethane    | <0.28    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| Ethylbenzene               | <0.34    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| Isopropylbenzene           | <0.34    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <2       | <0.50    | <0.25    | 0.95 L   | <0.25    | <0.25    | 1.2 L    | <1.0     | <1.0     | 0.38 L   | 0.5 L    | 0.29 L   | 0.31 L   |
| Methyl-t-butyl ether       | <0.31    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| Naphthalene                | <0.88    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.3     | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| sec-Butylbenzene           | <0.34    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.35    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | 0.4      | 0.55     | 0.57     |
| Toluene                    | <0.35    | <0.20    | <0.10    | <0.10    | <0.10    | 1.3      | <0.25    | <0.20    | <0.20    | <0.10    | <0.10    | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | 3.5      | 2.6      | 2.5      | 2.3      | 1.5      | 0.97     | 0.88     | 0.71     | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| Trichloroethylene          | 1 J      | <0.50    | 0.41     | 0.53     | <0.25    | <0.25    | 0.42     | 0.42     | 0.22     | <0.25    | <0.25    | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <0.99    | <0.4     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.4     | <0.2     | <0.2     | <0.2     | <0.2     |
| Vinyl Chloride             | 2.6      | 0.92     | 0.47     | <0.25    | 0.31     | <0.25    | <0.50    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |
| Xylene, o                  | <0.32    | NA       |
| Xylenes, Total             | NA       | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    |
| <b>Gases</b>               |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA       | 96.36    | 110      | NA       | NA       | NA       | NA       | NA       | NA       | 48.98    | 72.45    | 85.8     | 90.62    |
| Carbon Monoxide (mg/L)     | NA       | <0.4     | NA       | <0.40    | <0.40    | <0.40    | <0.40    |
| Ethane (µg/L)              | <0.5     | <0.005   | 0.0053   | NA       | NA       | NA       | NA       | NA       | NA       | 0.006    | 0.014    | 0.007    | <0.005   |
| Ethylene (µg/L)            | <0.5     | 0.006    | 0.0052   | NA       | NA       | NA       | NA       | NA       | NA       | 0.044    | 0.05     | 0.009    | <0.005   |
| Methane (µg/L)             | 26       | 0.473    | 1.3      | NA       | NA       | NA       | NA       | NA       | NA       | 0.127    | 0.832    | 3.39     | 0.817    |

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Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date  | AGMW-107 |          |          |          |          |          |          |          |          | AGMW-108 |          |          |          |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 12/06/99 | 09/20/00 | 03/30/01 | 09/05/01 | 03/11/02 | 09/10/02 | 03/04/03 | 03/02/04 | 03/09/05 | 05/08/00 | 07/14/00 | 09/13/00 | 11/08/00 |
| <b>Gases (continued)</b>    |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | NA       | 15.99    | 21       | NA       | NA       | NA       | NA       | NA       | NA       | 15.64    | 18.26    | 14.9     | 15.48    |
| Oxygen (mg/L)               | NA       | 1.07     | 2.3      | NA       | NA       | NA       | NA       | NA       | NA       | 5.05     | 2.61     | 3.22     | 3.41     |
| <b>Field Data</b>           |          |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 4.91 *   | 0.2      | 0.13     | 0.08     | 0.24     | 0.17     | 0.09     | 0.06     | 1.5      | 5.01 *   | 1.11     | 0.19     | 0.94     |
| Iron, Ferrous (mg/L)        | NM       | NM       | 0.1      | 0.2      | 0.07     | 0.15     | 0.1      | 0        | NA       | 0        | 0        | NM       | NM       |
| Iron, Total (mg/L)          | NM       | 0.52     | 0.14     | 0.3      | 0.2      | 0.34     | 0.2      | 0.06     | NA       | 0.18     | 0.04     | 0        | 0        |
| ORP (mV)                    | 141      | -32.9    | -67.7    | -5.5     | 65.4     | -15.3    | -52      | -112     | 88       | 417.7    | 403.7    | -40.3    | -208.4   |
| pH                          | 6.73     | 7.71     | 6.8      | 6.8      | 6.7      | 6.85     | 7.1      | 6.95     | 6.64     | 6.12     | 6.62     | 6.87     | 6.93     |
| Specific Conductance (µS)   | 1,801    | 1,742    | 1,987    | 1,816    | 2,952    | 2,337    | 2,339    | 2,595    | 2,335    | 936      | 714      | 823      | 985      |
| Temperature (°C)            | 13.91    | 14.58    | 9.57     | 13.83    | 10.25    | 14.38    | 9.97     | 9.89     | 9.57     | 17.25    | 18.97    | 17.52    | 15.66    |
| Alkalinity, total (CaCO3)   | NA       | 360      | NA       | NA       |
| Total Organic Carbon (mg/L) | 4.3      | 3.7      | 3        | NA       | NA       | NA       | NA       | NA       | NA       | 2.9      | 1.7      | 1.9      | 2        |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-108 (continued) |          |          |          |          |          |          |          |          | AGMW-109 |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 01/04/01             | 03/29/01 | 09/07/01 | 12/10/01 | 03/05/02 | 05/28/02 | 09/12/02 | 12/17/02 | 03/06/03 | 05/08/00 | 07/14/00 | 09/18/00 | 11/08/00 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25                | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| 1,1-Dichloroethane         | <0.25                | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| 1,1-Dichloroethylene       | <0.25                | <0.73    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| 1,2,4-Trimethylbenzene     | <0.10                | <0.32    | <0.10    | 0.22     | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <5.0     | <2.0     | <1.0     | <4.0     |
| 1,3,5-Trimethylbenzene     | <0.10                | <0.33    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <5.0     | <2.0     | <1.0     | <4.0     |
| 1,4-Dichlorobenzene        | <0.25                | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <12      | <5.0     | <2.5     | <10      |
| Benzene                    | <0.10                | <0.31    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <5.0     | <2.0     | <1.0     | <4.0     |
| Chloroethane               | <0.25                | <1.2     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <12      | <5.0     | <2.5     | <10      |
| Chloroform                 | <0.25                | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <12      | <5.0     | <2.5     | <10      |
| Chloromethane              | <0.25                | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | 0.58 B   | <0.25    | <0.25    | <12      | <5.0     | <2.5     | <10      |
| cis-1,2-Dichloroethylene   | <0.25                | <0.23    | 0.77     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 240      | 400      | 930      | 22,000 J |
| Dichlorodifluoromethane    | <0.25                | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| Ethylbenzene               | <0.25                | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| Isopropylbenzene           | <0.25                | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <12      | <5.0     | <2.5     | <10      |
| Methylene Chloride         | <0.25                | <0.87    | <0.25    | 2.5 L    | <0.25    | 0.32 L   | <0.25    | <0.25    | <1.0 C   | <12      | 7.8 L    | <2.5     | 13 L     |
| Methyl-t-butyl ether       | <0.25                | <0.14    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| Naphthalene                | <0.25                | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <12      | <5.0     | <2.5     | <10      |
| n-Propylbenzene            | <0.25                | <0.46    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| sec-Butylbenzene           | <0.25                | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <12      | <5.0     | <2.5     | <10      |
| Tetrachloroethylene        | <0.25                | <0.63    | 0.52     | 0.29     | <0.25    | 0.29     | 0.4      | <0.25    | <0.50    | 3,300    | 420      | 220      | <10      |
| Toluene                    | <0.10                | <0.39    | <0.10    | 0.1      | <0.10    | <0.10    | 0.18 B   | <0.10    | <0.25    | <5.0     | <2.0     | <1.0     | <4.0     |
| trans-1,2-Dichloroethylene | <0.25                | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | 3.6      | 190      |
| Trichloroethylene          | <0.25                | <0.49    | 0.28     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 1,200    | 160      | 18       | 39       |
| Trimethylbenzenes (Total)  | <0.2                 | <0.65    | <0.2     | 0.22     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <10      | <4       | <2       | <8       |
| Vinyl Chloride             | <0.25                | <0.46    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <0.25                | <1.1     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <12      | <5.0     | <2.5     | <10      |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 46                   | 78       | 75       | 47       | 25       | 24       | 49       | 31       | NA       | 41.65    | 74.73    | 121.9    | 332.2    |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | <0.40    | <0.40    | <0.4     | <0.40    |
| Ethane (µg/L)              | 0.016                | 0.021    | 0.012    | 0.17     | <0.005   | 0.0085   | <0.005   | <0.005   | NA       | 0.076    | 0.07     | 0.042    | 0.305    |
| Ethylene (µg/L)            | 0.0097               | 0.011    | 0.034    | 0.14     | 0.02     | 0.01     | <0.005   | <0.005   | NA       | 0.111    | 0.174    | 0.422    | 3.927    |
| Methane (µg/L)             | 58                   | 0.52     | 2.3      | 7.3      | 0.19     | 2.6      | 0.37     | 0.12     | NA       | 1.465    | 0.937    | 1.914    | 470      |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date  | AGMW-108 (continued) |          |          |          |          |          |          |          |          | AGMW-109 |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 01/04/01             | 03/29/01 | 09/07/01 | 12/10/01 | 03/05/02 | 05/28/02 | 09/12/02 | 12/17/02 | 03/06/03 | 05/08/00 | 07/14/00 | 09/18/00 | 11/08/00 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 19                   | 22       | 17       | 23       | 18       | 22       | 15       | 22       | NA       | 18.27    | 16.76    | 14.58    | 14.68    |
| Oxygen (mg/L)               | 4.3                  | 4        | 2.1      | 5        | 7.6      | 6.3      | 5.8      | 10       | NA       | 3.22     | 0.72     | 0.59     | 0.89     |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 2.69 *               | 1.97     | 0.08     | 0.81     | 3.97     | 1.55     | 0.22     | 4.85 *   | 0.81     | 3.2      | 3.67     | 0.05     | 1.77     |
| Iron, Ferrous (mg/L)        | 0.08                 | 0        | NM       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | NM       | NM       |
| Iron, Total (mg/L)          | 0.4                  | 0        | NM       | 0        | 0        | 0        | 0        | 0        | 0        | 0.06     | 0        | 0.7      | 1        |
| ORP (mV)                    | 242.7                | 247.1    | -184.4   | 24.1     | 177      | 302.1    | -47      | 132.7    | 27.6     | 468.2    | 151.1    | -267.8   | -329.6   |
| pH                          | 7.16                 | 6.72     | 6.83     | 6.96     | 7.17     | 7.06     | 7.04     | 7.29     | 7.57     | 5.82     | 10.69 *  | 6.93     | 6.56     |
| Specific Conductance (µS)   | 830                  | 5,338    | 3,086    | 1,515    | 1,017    | 929      | 1,155    | 933      | 901      | 2,642    | 2,284    | 2,546    | 3,463    |
| Temperature (°C)            | 9.8                  | 5.96     | 18.1     | 13.58    | 5.46     | 13.55    | 18.52    | 7.48     | 3.4      | 15.08    | 17.9     | 14.9     | 15.01    |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | 380      | NA       | NA       |
| Total Organic Carbon (mg/L) | 2                    | 1.2      | 2.7      | 3.2      | 1.7      | 2.2      | 3.5      | 2.5      | NA       | 3.8      | 7        | 20       | 91       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date | AGMW-109 |          |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 01/08/01 | 04/03/01 | 09/07/01 | 12/17/01 | 03/07/02 | 05/29/02 | 09/13/02 | 12/17/02 | 03/06/03 | 09/09/03 | 03/04/04 | 09/08/04 | 03/09/05 |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <10      | <1.0     | <0.50    | <0.50    | <0.50    |
| 1,1-Dichloroethane         | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <10      | <1.0     | <0.50    | <0.50    | <0.50    |
| 1,1-Dichloroethylene       | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <10      | <1.0     | <0.50    | <0.50    | <0.50    |
| 1,2,4-Trimethylbenzene     | <40      | <25      | <8.0     | <16      | <10      | <2.0 C   | <1.6     | <1.0     | <5.0     | <0.50    | <0.20    | <0.20    | <0.20    |
| 1,3,5-Trimethylbenzene     | <40      | <25      | <8.0     | <16      | <10      | <2.0 C   | <1.6     | <1.0     | <5.0     | <0.50    | <0.20    | <0.20    | <0.20    |
| 1,4-Dichlorobenzene        | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <5.0     | <0.50    | <0.20    | <0.20    | <0.20    |
| Benzene                    | <40      | <25      | <8.0     | <16      | <10      | <2.0     | <1.6     | <1.0     | <5.0     | <0.50    | <0.20    | <0.20    | <0.20    |
| Chloroethane               | <100     | <62      | <20      | <40      | <25      | 230      | <4.0     | <2.5     | <20      | <2.0     | <1.0     | 1.7      | <1.0     |
| Chloroform                 | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <5.0     | <0.50    | <0.20    | <0.20    | <0.20    |
| Chloromethane              | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <5.0     | <0.50    | <0.20    | <0.20    | <0.20    |
| cis-1,2-Dichloroethylene   | 13,000   | 11,000   | 3,800    | 12,000   | 3,400    | 840      | 1,100    | 160      | 22       | 4.4      | 2.5      | 4.5      | 3.5      |
| Dichlorodifluoromethane    | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <10      | <1.0 C   | <0.50    | <0.50    | <0.50    |
| Ethylbenzene               | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <10      | <1.0     | <0.50    | <0.50    | <0.50    |
| Isopropylbenzene           | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <5.0     | <0.50    | <0.20    | <0.20    | <0.20    |
| Methylene Chloride         | 1,900 L  | 270 L    | 42 L     | 290 L    | <25      | 13 L     | 24 L     | <2.5     | <20 C    | <2.0     | <1.0     | <1.0     | <1.0     |
| Methyl-t-butyl ether       | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <10      | <1.0     | <0.50    | <0.50    | <0.50    |
| Naphthalene                | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <5.0     | <0.50    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <100     | <62      | <20      | <40      | <25      | <5.0 C   | <4.0     | <2.5     | <10      | <1.0     | <0.50    | <0.50    | <0.50    |
| sec-Butylbenzene           | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <5.0     | <0.50    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <100     | 130      | 200      | <40      | <25      | 140      | 130      | <2.5     | <10      | <1.0     | <0.50    | 1.3      | 1.1      |
| Toluene                    | <40      | <25      | <8.0     | <16      | <10      | <2.0     | <1.6     | <1.0     | <5.0     | <0.50    | <0.20    | <0.20    | <0.20    |
| trans-1,2-Dichloroethylene | <100     | <62      | 27       | 98       | 84       | 20       | 20       | 15       | <10      | 2.9      | 0.76     | <0.50    | <0.50    |
| Trichloroethylene          | <100     | <62      | 22       | <40      | <25      | 22       | 22       | <2.5     | <5.0     | 0.74     | 0.3      | 1.1      | 0.62     |
| Trimethylbenzenes (Total)  | <80      | <50      | <16      | <32      | <20      | <4 C     | <3.2     | <2       | <10      | <1       | <0.4     | <0.4     | <0.4     |
| Vinyl Chloride             | <100     | <62      | <20      | 2,400    | 12,000   | 850      | 600      | 1,300    | 1,700    | 2.2      | 2.4      | 1.9      | 1.6      |
| Xylene, o                  | NA       |
| Xylenes, Total             | <100     | <62      | <20      | <40      | <25      | <5.0     | <4.0     | <2.5     | <10      | <1.0     | <0.50    | <0.50    | <0.50    |
| <b>Gases</b>               |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 380      | 92       | 100      | 200      | 220      | 64       | 46       | 220      | 250      | 160      | 180      | 64       | 93       |
| Carbon Monoxide (mg/L)     | NA       | <0.40    | <0.40    | <0.40    | NA       | NA       |
| Ethane (µg/L)              | 0.38     | 0.079    | 0.064    | 0.07     | 0.16     | 0.034    | 0.02     | 0.056    | 0.14     | 26       | 780      | 610      | 800      |
| Ethylene (µg/L)            | 2.7      | 0.63     | 0.46     | 710      | 1,000    | 580      | 190      | 9,300    | 4,200    | 1,600    | 8,600    | 1,300    | 1,900    |
| Methane (µg/L)             | 2,000    | 2,200    | 1,200    | 5,600    | 5,300    | 1,200    | 570      | 6,700    | 13,000   | 9,000    | 13,000   | 11,000   | 14,000   |

Footnotes on Page 14.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | AGMW-109 |          |          |          |          |          |          |          |          |          |          |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 01/08/01 | 04/03/01 | 09/07/01 | 12/17/01 | 03/07/02 | 05/29/02 | 09/13/02 | 12/17/02 | 03/06/03 | 09/09/03 | 03/04/04 | 09/08/04 | 03/09/05 |
| <b>Gases (continued)</b>               |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | 20       | 22       | 14       | 12       | 9.5      | 20       | 16       | 14       | 10       | 13       | 11       | NA       | NA       |
| Oxygen (mg/L)                          | 0.83     | 3.6      | 1.3      | 0.46     | 0.34     | 0.55     | 3.6      | 1.3      | 0.44     | 0.55     | 2        | NA       | NA       |
| <b>Field Data</b>                      |          |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.4      | 0.19     | 7.29 *   | 0.26     | 0.35     | 0.48     | 1.84     | 0.1      | 0.13     | 0.7      | 0.19     | 0.29     | 0.08     |
| Iron, Ferrous (mg/L)                   | 0.8      | 0.78     | 0.1      | 0.28     | 0.56     | 0.2      | 0.2      | 0.64     | 0.34     | 0.46     | 0.68     | 0.58     | NA       |
| Iron, Total (mg/L)                     | >1       | >1       | 0.3      | 0.8      | 0.72     | 0.3      | 0.26     | >1.0     | 0.48     | 1        | 0.3      | 0.76     | NA       |
| ORP (mV)                               | -147     | -97.4    | -422.4   | -153.3   | -225.7   | -280.2   | -278.4   | -223.2   | -131.6   | -130.1   | -102.9   | -46.3    | -117.3   |
| pH                                     | 6.75     | 6.81     | 6.53     | 6.61     | 6.58     | 6.7      | 6.97     | 6.68     | 7.15     | 6.63     | 6.96     | 6.9      | 6.9      |
| Specific Conductance (µS)              | 3,163    | 2,722    | 2,976    | 2,749    | 3,247    | 1,996    | 2,824    | 2,964    | 2,568    | 2,570    | 2,375    | 4,383    | 2,402    |
| Temperature (°C)                       | 11.38    | 8.91     | 14.28    | 12.86    | 9.19     | 9.38     | 15.29    | 12.16    | 9.09     | 15.01    | 9.68     | 14.99    | 9.58     |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA       |
| Total Organic Carbon (mg/L)            | 12       | 5.7      | 52       | 160      | 120      | 29       | 6.6      | 430      | 490      | 230      | 24 M     | 4.8 M    | 6 M      |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix Interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGMW-109 (continued) |          |          |          |          | AGMW-110 |          |          |          |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | Sample Date          | 06/08/06 | 05/09/00 | 07/14/00 | 09/18/00 | 11/09/00 | 01/04/01 | 04/03/01 | 07/26/01 | 08/08/01 | 08/23/01 | 09/07/01 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <7.0     | <7.0     | <14      | <10      |          |
| 1,1-Dichloroethane         | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <6.2     | <6.2     | <12      | <10      |          |
| 1,1-Dichloroethylene       | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <18      | <18      | <36      | <10      |          |
| 1,2,4-Trimethylbenzene     | <0.20                | <10      | <4.0     | <4.0     | <20      | <10      | <20      | <8.0     | <8.0     | 30       | <4.0     |          |
| 1,3,5-Trimethylbenzene     | <0.20                | <10      | <4.0     | <4.0     | <20      | <10      | <20      | <8.2     | <8.2     | <16      | <4.0     |          |
| 1,4-Dichlorobenzene        | <0.20                | <25      | <10      | <10      | <50      | <25      | <50      | <8.8     | <8.8     | <18      | <10      |          |
| Benzene                    | <0.20                | <10      | <4.0     | <4.0     | <20      | <10      | <20      | <7.8     | <7.8     | 180      | <4.0     |          |
| Chloroethane               | 2.2 J                | <25      | <10      | <10      | <50      | <25      | <50      | <30      | <30      | <60      | <10      |          |
| Chloroform                 | <0.20                | <25      | <10      | <10      | <50      | <25      | <50      | <4.5     | <4.5     | <9.0     | <10      |          |
| Chloromethane              | <0.20                | <25      | <10      | <10      | <50      | <25      | <50      | <9.5     | <9.5     | <19      | <10      |          |
| cis-1,2-Dichloroethylene   | 4.6                  | 31       | <10      | 3,600    | 7,500    | 13,000   | 3,300    | 1,500    | 1,900    | 1,400    | 1,800    |          |
| Dichlorodifluoromethane    | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <12      | <12      | <24      | <10      |          |
| Ethylbenzene               | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <9.5     | <9.5     | 41       | <10      |          |
| Isopropylbenzene           | <0.20                | <25      | <10      | <10      | <50      | <25      | <50      | <9.0     | <9.0     | <18      | <10      |          |
| Methylene Chloride         | <1.0                 | <25      | <10      | <10      | <50      | 95 L     | 210 L    | <22      | <22      | <44      | <10      |          |
| Methyl-t-butyl ether       | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <3.5     | <3.5     | <7.0     | <10      |          |
| Naphthalene                | <0.25                | <25      | <10      | <10      | <50      | <25      | <50      | <8.8     | <8.8     | <18      | 15       |          |
| n-Propylbenzene            | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <12      | <12      | <23      | <10      |          |
| sec-Butylbenzene           | <0.25                | <25      | <10      | <10      | <50      | <25      | <50      | <11      | <11      | <22      | <10      |          |
| Tetrachloroethylene        | 6.9                  | 3,200    | 1,900    | 210      | 140      | <25      | 72       | 200      | 150      | 170      | 160      |          |
| Toluene                    | <0.20                | <10      | <4.0     | <4.0     | <20      | <10      | <20      | <9.8     | <9.8     | <20      | <4.0     |          |
| trans-1,2-Dichloroethylene | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <9.8     | 11       | <20      | 14       |          |
| Trichloroethylene          | 2.3                  | 120      | 48       | 28       | <50      | <25      | <50      | 20       | 14       | <24      | <10      |          |
| Trimethylbenzenes (Total)  | <0.4                 | <20      | <8       | <8       | <40      | <20      | <40      | <16.2    | <16.2    | 30       | <8       |          |
| Vinyl Chloride             | 4.2                  | <25      | <10      | <10      | <50      | <25      | <50      | <12      | <12      | <23      | 160      |          |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |          |
| Xylenes, Total             | <0.50                | <25      | <10      | <10      | <50      | <25      | <50      | <28      | <28      | <55      | <10      |          |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA                   | 64.72    | 66.13    | 115.9    | 136.5    | 220      | 23       | 67       | NA       | 68       | 67       |          |
| Carbon Monoxide (mg/L)     | NA                   | <0.40    | <0.40    | <0.4     | <0.40    | NA       | NA       | NA       | NA       | <0.40    | NA       |          |
| Ethane (µg/L)              | NA                   | 0.109    | 0.048    | 0.032    | 0.045    | 0.38     | 0.063    | 0.038    | 0.046    | 0.021    | 0.018    |          |
| Ethylene (µg/L)            | NA                   | 0.085    | 0.081    | 0.251    | 0.368    | 6.9      | 0.31     | 0.72     | 0.97     | 0.67     | 10       |          |
| Methane (µg/L)             | NA                   | 15.88    | 1.966    | 1.872    | 17.97    | 1,200    | 240      | 430      | 490      | 2,100    | 2,200    |          |

Footnotes on Page 16.

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-109 (continued) |          |          |          |          | AGMW-110 |          |          |          |          |          |  |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| Sample Date                 | 06/08/06             | 05/09/00 | 07/14/00 | 09/18/00 | 11/09/00 | 01/04/01 | 04/03/01 | 07/26/01 | 08/08/01 | 08/23/01 | 09/07/01 |  |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |  |
| Nitrogen (mg/L)             | NA                   | 19.92    | 21.91    | 16.21    | 16.87    | 27       | 26       | 17       | NA       | 16       | 16       |  |
| Oxygen (mg/L)               | NA                   | 2.41     | 2.07     | 0.81     | 0.68     | 2.2      | 1.1      | 1        | NA       | 0.93     | 1.3      |  |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |  |
| DO (mg/L)                   | 0.45                 | 0.9      | 0.43     | 0.13     | 0.08     | 0.34     | 0.11     | 0.17     | 0.36     | 0.19     | 0.08     |  |
| Iron, Ferrous (mg/L)        | NA                   | 0        | 0.05     | NM       | NM       | 0.9      | 0.1      | NM       | 0        | 0.14     | >1       |  |
| Iron, Total (mg/L)          | NA                   | 0.05     | 0.08     | >1       | 0.58     | >1       | 0.36     | 0.9      | 0        | 0.38     | >1       |  |
| ORP (mV)                    | -76.9                | 104.6    | 358      | -189.3   | -59      | -151.3   | -113.9   | -181.2   | -79.2    | -89.5    | -238.7   |  |
| pH                          | 6.86                 | 6.76     | 6.43     | 6.64     | 6.92     | 6.72     | 6.9      | 6.88     | 6.85     | 6.79     | 6.86     |  |
| Specific Conductance (µS)   | 2,786                | 5,210    | 1,158    | 4,146    | 4,658    | 2,970    | 4,049    | 3,688    | 3,811    | 4,125    | 3,745    |  |
| Temperature (°C)            | 11                   | 9.34     | 17.01    | 15.69    | 14.51    | 7.34     | 7.35     | 12.19    | 13.37    | 14.1     | 15.32    |  |
| Alkalinity, total (CaCO3)   | NA                   | NA       | 330      | NA       |  |
| Total Organic Carbon (mg/L) | NA                   | <5.0 M   | 1.6      | 10       | 7.5      | 170      | 3.2      | 3.4      | 2.6      | 3.3      | 3.2      |  |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date | AGMW-110     |              |              |            |             |            | AGMW-111   |             |              |              |              |              |              |
|----------------------------|--------------|--------------|--------------|------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|
|                            | 12/12/01     | 03/06/02     | 05/29/02     | 09/13/02   | 12/17/02    | 03/06/03   | 05/09/00   | 07/13/00    | 09/13/00     | 11/09/00     | 01/04/01     | 04/03/01     | 09/10/01     |
| <b>VOC (µg/L)</b>          |              |              |              |            |             |            |            |             |              |              |              |              |              |
| 1,1,1-Trichloroethane      | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.50      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| 1,1-Dichloroethane         | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.50      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| 1,1-Dichloroethylene       | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.50      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| 1,2,4-Trimethylbenzene     | <2.5         | <4.0         | <0.50 C      | <1.0       | <0.20       | <0.25      | <5.0       | <4.0        | <2.0         | 9            | <8.0         | <16          | <16          |
| 1,3,5-Trimethylbenzene     | <2.5         | <4.0         | <0.50 C      | <1.0       | <0.20       | <0.25      | <5.0       | <4.0        | <2.0         | <5.0         | <8.0         | <16          | <16          |
| 1,4-Dichlorobenzene        | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.25      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| Benzene                    | <2.5         | <4.0         | <0.50        | <1.0       | <0.20       | <0.25      | <5.0       | <4.0        | <2.0         | <5.0         | <8.0         | <16          | <16          |
| Chloroethane               | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <1.0       | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| Chloroform                 | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.25      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| Chloromethane              | <6.2 C       | <10          | <1.2         | <2.5       | <0.50       | <0.25      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| cis-1,2-Dichloroethylene   | <b>1,600</b> | <b>1,300</b> | <b>420</b>   | <b>430</b> | 6.9         | 1.8        | <b>460</b> | <b>880</b>  | <b>3,800</b> | <b>5,600</b> | <b>7,200</b> | <b>8,400</b> | <b>2,400</b> |
| Dichlorodifluoromethane    | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.50      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40 C        |
| Ethylbenzene               | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.50      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| Isopropylbenzene           | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.25      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| Methylene Chloride         | <b>14 L</b>  | <10          | <b>3.4 L</b> | <b>5 L</b> | <0.50       | <1.0       | <12        | <b>44 L</b> | <b>14 L</b>  | <12          | <b>80 L</b>  | <b>170 L</b> | <b>69 L</b>  |
| Methyl-t-butyl ether       | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.50      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| Naphthalene                | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.25      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| n-Propylbenzene            | <6.2         | <10          | <1.2 C       | <2.5       | <0.50       | <0.50      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| sec-Butylbenzene           | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.25      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| Tetrachloroethylene        | <b>18</b>    | <b>14</b>    | <b>88</b>    | <b>96</b>  | <b>0.72</b> | <0.50      | <b>940</b> | <b>700</b>  | <b>530</b>   | <b>100</b>   | <b>22</b>    | <40          | <40          |
| Toluene                    | <2.5         | <4.0         | <0.50        | <1.0       | <0.20       | <0.25      | <5.0       | <4.0        | <2.0         | <5.0         | <8.0         | <16          | <16          |
| trans-1,2-Dichloroethylene | <b>37</b>    | <b>24</b>    | <b>8</b>     | <2.5       | <0.50       | <0.50      | <12        | <10         | <b>14</b>    | <12          | <20          | <40          | <40          |
| Trichloroethylene          | <b>8</b>     | <b>15</b>    | <b>5.2</b>   | <b>8.4</b> | <0.50       | <0.25      | <b>370</b> | <b>680</b>  | <b>430</b>   | <b>44</b>    | <20          | <40          | <40          |
| Trimethylbenzenes (Total)  | <5           | <8           | <1 C         | <2         | <0.4        | <0.5       | <10        | <8          | <4           | 9            | <16          | <32          | <32          |
| Vinyl Chloride             | <b>820</b>   | <b>760</b>   | <b>170</b>   | <b>63</b>  | <b>8.8</b>  | <b>2.2</b> | <12        | <10         | <5.0         | <12          | <20          | <40          | <b>8,300</b> |
| Xylene, o                  | NA           | NA           | NA           | NA         | NA          | NA         | NA         | NA          | NA           | NA           | NA           | NA           | NA           |
| Xylenes, Total             | <6.2         | <10          | <1.2         | <2.5       | <0.50       | <0.50      | <12        | <10         | <5.0         | <12          | <20          | <40          | <40          |
| <b>Gases</b>               |              |              |              |            |             |            |            |             |              |              |              |              |              |
| Carbon Dioxide (mg/L)      | 13           | 17           | 11           | 110        | 300         | na         | 130.8      | 486.53      | 600          | 683.3        | 320          | 1100         | 600          |
| Carbon Monoxide (mg/L)     | NA           | NA           | NA           | NA         | NA          | na         | <0.40      | <0.40       | <0.40        | <0.40        | NA           | NA           | NA           |
| Ethane (µg/L)              | 0.017        | 0.017        | 0.023        | 0.95       | 1.3         | 1.6        | 0.119      | 0.448       | 0.167        | <0.005       | <0.005       | 0.051        | <0.005       |
| Ethylene (µg/L)            | 220          | 150          | 34           | 1,000      | 2,800       | 2,200      | 0.356      | 13.468      | 6.778        | 2.583        | 3            | 2.6          | 160          |
| Methane (µg/L)             | 1,400        | 1,200        | 84           | 3,600      | 6,800       | 11,000     | 44.88      | 67.04       | 0.34         | 6,820        | 12,000       | 11,000       | 7,400        |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.                 | AGMW-110 |          |          |          |          |          | AGMW-111 |          |          |          |          |          |          |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 12/12/01 | 03/06/02 | 05/29/02 | 09/13/02 | 12/17/02 | 03/06/03 | 05/09/00 | 07/13/00 | 09/13/00 | 11/09/00 | 01/04/01 | 04/03/01 | 09/10/01 |
| <b>Gases (continued)</b>    |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 21       | 16       | 20       | 14       | 10       | na       | 16.49    | 12.29    | 8.55     | 3.85     | 11       | 0.49     | 2.2      |
| Oxygen (mg/L)               | 0.92     | 5.7      | 3.2      | 2.5      | 1.8      | na       | 1.7      | 0.56     | 0.44     | 0.25     | 1.1      | <0.15    | 0.3      |
| <b>Field Data</b>           |          |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.19     | 0.27     | 1.29     | 3.63 *   | 0.1      | 0.26     | 0.19     | 1.45     | 0.63     | 5.13 *   | 0.39     | 0.22     | 0.84     |
| Iron, Ferrous (mg/L)        | 0.3      | 0.28     | 0.02     | 0.35     | 0.38     | 0.3      | 0.28     | 1        | NM       | NM       | 0.14     | 0.26     | >1       |
| Iron, Total (mg/L)          | 0.8      | 0.28     | 0.15     | 0.7      | 0.86     | >1.0     | 0.32     | 1        | >1       | NM       | 1        | >1       | >1       |
| ORP (mV)                    | -132.7   | -72.4    | -12.8    | -203.4   | -188     | -96      | 86.7     | -173.7   | -175.9   | -129.2   | -130.5   | -80      | -54.4    |
| pH                          | 6.91     | 6.87     | 7.49     | 7.17     | 6.64     | 6.78     | 6.65     | 11.97 *  | 5.8      | 5.86     | 6.3      | 5.93     | 6.19     |
| Specific Conductance (µS)   | 3,853    | 2,139    | 640      | 2,858    | 4,534    | 5,392    | 3,521    | 3,173    | 7,724    | 8,406    | 7,326    | 6,228    | 6,145    |
| Temperature (°C)            | 12.84    | 8.43     | 9.25     | 15.19    | 12.93    | 9.34     | 10.21    | 16.11    | 15.11    | 14.09    | 10.74    | 9.85     | 13.67    |
| Alkalinity, total (CaCO3)   | NA       | 840      | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 3        | 1.6      | 2.6      | 81       | 120      | 57       | 6.3      | 410      | 710      | 1,200    | 190      | 2,500    | 630      |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-111 (continued) |          |          |          |          |          |          |          |          |          | AGMW-112 |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 12/12/01             | 03/07/02 | 05/30/02 | 09/16/02 | 12/17/02 | 03/07/03 | 09/09/03 | 03/03/04 | 09/09/04 | 03/09/05 | 06/08/06 | 05/10/00 | 07/13/00 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    |
| 1,1-Dichloroethane         | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <25                  | <40      | <1.2     | 5.1      | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <10                  | <16      | <0.50 C  | <1.0     | <0.10    | <0.25    | <0.25    | <0.20    | <0.20    | <0.20    | <0.20    | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <10                  | <16      | <0.50 C  | <1.0     | <0.10    | <0.25    | <0.25    | <0.20    | <0.20    | <0.20    | <0.20    | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.20    | <0.20    | <0.25    | <0.25    |
| Benzene                    | <10                  | <16      | <0.50    | <1.0     | <0.10    | <0.25    | <0.25    | <0.20    | <0.20    | <0.20    | <0.20    | <0.10    | <0.10    |
| Chloroethane               | <25                  | <40      | <1.2     | <2.5     | <0.25    | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0 C   | <0.25    | <0.25    |
| Chloroform                 | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.20    | <0.20    | <0.25    | <0.25    |
| Chloromethane              | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.20    | <0.20    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | 1,200                | 670      | 270      | 520      | 8.2      | 0.68     | 1.9      | 3.4      | 6.8      | 2.4      | 3        | <0.25    | 34       |
| Dichlorodifluoromethane    | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    |
| Ethylbenzene               | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    |
| Isopropylbenzene           | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.20    | <0.20    | <0.25    | <0.25    |
| Methylene Chloride         | 79 L                 | <40      | 3.1 L    | 5.7 L    | <0.25    | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | <0.25    | <0.25    |
| Methyl-t-butyl ether       | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | 26       | <0.25    |
| Naphthalene                | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <25                  | <40      | <1.2 C   | <2.5     | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    |
| sec-Butylbenzene           | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <6.2                 | <40      | 14       | 45       | 2.2      | <0.50    | 6        | 7.6      | 0.52     | 2.2      | 1.6 J    | <0.25    | <0.25    |
| Toluene                    | <10                  | <16      | <0.50    | <1.0     | <0.10    | <0.25    | 0.27     | <0.20    | <0.20    | <0.20    | <0.20    | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | <25                  | <40      | 3        | 3.6      | 0.46     | <0.50    | 0.91     | 3.9      | 4.8      | 6.3      | 3.1      | 0.7      | 0.63     |
| Trichloroethylene          | <25                  | <40      | 8.2      | 24       | 0.89     | <0.25    | 3.2      | 2.9      | 0.4      | 1.2      | 0.43 J   | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <20                  | <32      | <1 C     | <2       | <0.2     | <0.5     | <0.5     | <0.4     | <0.4     | <0.4     | <0.4     | <0.2     | <0.2     |
| Vinyl Chloride             | 4,400                | 2,900    | 170      | 170      | 8.8      | <0.50    | 0.48     | 4.5      | 10       | 4.9      | 9        | 22       | 20       |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <25                  | <40      | <1.2     | <2.5     | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 450                  | 400      | 1,200    | 340      | 480      | 0.82     | 100      | 170      | 130      | 140      | NA       | 121.5    | 128.17   |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | NA       | <0.40    | <0.40    | <0.40    | NA       | NA       | NA       | <0.40    | <0.40    |
| Ethane (µg/L)              | 130                  | 130      | 9.4      | 20       | 82       | 190      | 54       | 350      | 200      | 300      | NA       | 0.144    | 0.094    |
| Ethylene (µg/L)            | 1,400                | 1,800    | 120      | 180      | 310      | 250      | 23       | 680      | 440      | 540      | NA       | 1.295    | 1.223    |
| Methane (µg/L)             | 13,000               | 12,000   | 3,200    | 6,600    | 8,000    | 16,000   | 1,800    | 8,500    | 6,700    | 11,000   | NA       | 190      | 370      |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | AGMW-111 (continued) |          |          |          |          |          |          |          |          |          |          | AGMW-112 |          |
|--|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 12/12/01             | 03/07/02 | 05/30/02 | 09/16/02 | 12/17/02 | 03/07/03 | 09/09/03 | 03/03/04 | 09/09/04 | 03/09/05 | 06/08/06 | 05/10/00 | 07/13/00 |
| <b>Gases (continued)</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | 2.6                  | 7.2      | 2.1      | 8.5      | 8.9      | 11       | 2.9      | 10       | NA       | NA       | NA       | 16.17    | 23.15    |
| Oxygen (mg/L)                          | 0.44                 | 1.4      | 0.18     | 0.36     | 0.33     | 0.44     | 0.25     | 0.7      | NA       | NA       | NA       | 0.67     | 2.51     |
| <b>Field Data</b>                      |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.36                 | 0.48     | 0.51     | 0.34     | 2.7      | 0.2      | 0.72     | 12.53*   | 0.03     | 0.07     | 0.38     | 0.17     | 0.32     |
| Iron, Ferrous (mg/L)                   | 0.6                  | 0.44     | 0.55     | 0.7      | 0.23     | 0        | 0.26     | 0.5      | 0.66     | NA       | NA       | 0.44     | 1        |
| Iron, Total (mg/L)                     | 1                    | >1       | >1.0     | >1.0     | 0.9      | 0.34     | 0.42     | 0.5      | 0.82     | NA       | NA       | 0.5      | 1        |
| ORP (mV)                               | -161.3               | -108.2   | -128.1   | -297.5   | -138.7   | -120.9   | -132.2   | -63.7    | -123.6   | -130.2   | -68.1    | -32.6    | -38.4    |
| pH                                     | 6.49                 | 6.34     | 5.71     | 6.27     | 6.87     | 6.95     | 6.51     | 6.76     | 6.68     | 6.74     | 6.69     | 6.73     | 6.16     |
| Specific Conductance (µS)              | 6,035                | 8,362    | 6,666    | 5,774    | 5,791    | 4,736    | 5,011    | 4,035    | 6,240    | 4,213    | 6,887    | 17,930   | 8,990    |
| Temperature (°C)                       | 13.57                | 10.68    | 10.04    | 13.77    | 13.49    | 11.24    | 12.94    | 11.22    | 13.73    | 11.82    | 10.75    | 10.25    | 12.67    |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | 630      |
| Total Organic Carbon (mg/L)            | 450                  | 190      | 7,000    | 360      | 350      | 160      | 55       | 15 M     | 1.2 M    | 5.9 M    | NA       | 18       | 12       |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-112 (continued) |          |          |          |          |          |          |          |          |          |          | AGMW-113 |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 09/13/00             | 11/07/00 | 01/10/01 | 03/30/01 | 09/10/01 | 12/14/01 | 03/06/02 | 05/28/02 | 09/16/02 | 12/17/02 | 03/07/03 | 05/10/00 | 07/13/00 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25                | <2.5     | <0.50    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <100     | <250     |
| 1,1-Dichloroethane         | <0.25                | <2.5     | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <100     | <250     |
| 1,1-Dichloroethylene       | <0.25                | <2.5     | <0.50    | <0.73    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <100     | <250     |
| 1,2,4-Trimethylbenzene     | <0.10                | <1.0     | <0.20    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <40      | <100     |
| 1,3,5-Trimethylbenzene     | <0.10                | <1.0     | <0.20    | <0.33    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <40      | <100     |
| 1,4-Dichlorobenzene        | <0.25                | <2.5     | <0.50    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <100     | <250     |
| Benzene                    | <0.10                | <1.0     | <0.20    | <0.31    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <40      | <100     |
| Chloroethane               | <0.25                | <2.5     | <0.50    | <1.2     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <100     | <250     |
| Chloroform                 | <0.25                | <2.5     | <0.50    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <100     | <250     |
| Chloromethane              | <0.25                | <2.5     | <0.50    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | 0.35 B   | <0.25    | <0.25    | <100     | <250     |
| cis-1,2-Dichloroethylene   | 38                   | 85 J     | 48       | 30       | 33       | 25       | 49       | 31       | 27       | 19       | 12       | <100     | <250     |
| Dichlorodifluoromethane    | <0.25                | <2.5     | <0.50    | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <100     | <250     |
| Ethylbenzene               | <0.25                | <2.5     | <0.50    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <100     | <250     |
| Isopropylbenzene           | <0.25                | <2.5     | <0.50    | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <100     | <250     |
| Methylene Chloride         | 0.27 L               | 9.4 L    | 1.1 L    | <0.87    | 0.67 L   | 5.6      | <0.25    | <0.25    | 0.36 L   | <0.25    | <1.0     | <100     | <250     |
| Methyl-t-butyl ether       | <0.25                | <2.5     | <0.50    | <0.14    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <100     | <250     |
| Naphthalene                | <0.25                | <2.5     | <0.50    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <100     | <250     |
| n-Propylbenzene            | <0.25                | <2.5     | <0.50    | <0.46    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <100     | <250     |
| sec-Butylbenzene           | <0.25                | <2.5     | <0.50    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <100     | <250     |
| Tetrachloroethylene        | <0.25                | <2.5     | <0.50    | <0.63    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 44,000   | 40,000   |
| Toluene                    | <0.10                | <1.0     | <0.20    | <0.39    | <0.10    | <0.10    | <0.10    | <0.10    | 0.27 B   | <0.10    | <0.25    | <40      | <100     |
| trans-1,2-Dichloroethylene | 0.74                 | <2.5     | 0.56     | 0.74     | 0.57     | <0.25    | 1        | 0.73     | 0.52     | 0.36     | <0.50    | <100     | <250     |
| Trichloroethylene          | 0.28                 | <2.5     | <0.50    | <0.49    | <0.25    | <0.25    | 0.52     | <0.25    | <0.25    | <0.25    | <0.25    | 170      | <250     |
| Trimethylbenzenes (Total)  | <0.2                 | <2       | <0.4     | <0.65    | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <80      | <200     |
| Vinyl Chloride             | 32                   | 63       | 85       | 22       | 19       | 9.2      | 31       | 15       | 2.6      | 5.4      | 2.9      | <100     | <250     |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <0.25                | <2.5     | <0.50    | <1.1     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <100     | <250     |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 90                   | 110.9    | 130      | 150      | 120      | 98       | 140      | 160      | 69       | 99       | 110      | 116.7    | 194.12   |
| Carbon Monoxide (mg/L)     | <0.40                | <0.40    | NA       | <0.40    | <0.40    | <0.40    |
| Ethane (µg/L)              | 0.076                | 0.092    | 0.33     | 0.069    | 0.06     | 0.026    | 0.049    | 0.041    | <0.005   | 0.08     | 0.17     | 0.063    | 0.184    |
| Ethylene (µg/L)            | 2.597                | 2.597    | 12       | 1.6      | 0.55     | 0.04     | 0.91     | 0.51     | 0.015    | 1.1      | 0.96     | 0.36     | 0.247    |
| Methane (µg/L)             | 0.28                 | 300      | 950      | 340      | 220      | 6.8      | 150      | 71       | 1.4      | 9.1      | 14       | 48.48    | 35.54    |

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# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-112 (continued) |          |          |          |          |          |          |          |          |          |          | AGMW-113 |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 09/13/00             | 11/07/00 | 01/10/01 | 03/30/01 | 09/10/01 | 12/14/01 | 03/06/02 | 05/28/02 | 09/16/02 | 12/17/02 | 03/07/03 | 05/10/00 | 07/13/00 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 15                   | 15.13    | 25       | 18       | 20       | 19       | 15       | 17       | 16       | 16       | 18       | 14.42    | 18.85    |
| Oxygen (mg/L)               | 0.66                 | 0.6      | 1.2      | 1.2      | 1.1      | 8.6      | 4.6      | 0.76     | 2.3      | 8        | 5.9      | 4.03     | 0.83     |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.09                 | 0.16     | 0.22     | 0.15     | 0.28     | 0.13     | 2.03 *   | 0.21     | 3.05 *   | 4.36 *   | 0.29     | NM       | 2.89     |
| Iron, Ferrous (mg/L)        | NM                   | NM       | NM       | 0.1      | >1       | 0.1      | 0.22     | 0.5      | >1.0     | 0.3      | 0.18     | 0        | 0.04     |
| Iron, Total (mg/L)          | NM                   | 0.54     | NM       | 0.84     | >1       | 0.36     | 0.72     | >1.0     | >1.0     | 0.6      | 0.66     | 0        | 0.08     |
| ORP (mV)                    | -41.7                | -114.3   | -63.7    | -82.4    | -38.3    | -83.8    | 44.3     | -96.4    | -216.5   | -92.1    | -54.2    | -58.9    | -110.7   |
| pH                          | 6.77                 | 6.9      | 6.99     | 6.77     | 6.65     | 6.81     | 6.89     | 6.83     | 6.99     | 5.12     | 7.06     | 6.85     | 12.03 *  |
| Specific Conductance (µS)   | 11,414               | 10,626   | 6,897    | 15,487   | 11,776   | 10,369   | 21,475   | 11,979   | 8,257    | 4,542    | 7,850    | 7,440    | 2,451    |
| Temperature (°C)            | 13.37                | 14.15    | 11.32    | 10.08    | 13.52    | 13.48    | 11.4     | 10.25    | 13.81    | 7.36     | 11.18    | 11.17    | 14.29    |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | 610      |
| Total Organic Carbon (mg/L) | 22                   | 14       | 20       | 16       | 9.1      | 20       | 16       | 15       | 14       | 13       | 13       | <10 M    | 83       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGMW-113 (continued) |                 |                |               |               |               |               |               |               |                 |               |                |
|----------------------------|----------------------|-----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|---------------|----------------|
| Sample Date                | 09/18/00             | 11/07/00        | 01/08/01       | 04/02/01      | 06/06/01      | 07/26/01      | 08/08/01      | 08/24/01      | 09/11/01      | 12/12/01        | 03/07/02      | 05/29/02       |
| <b>VOC (µg/L)</b>          |                      |                 |                |               |               |               |               |               |               |                 |               |                |
| 1,1,1-Trichloroethane      | <250                 | <2.5            | <100           | <100          | <120          | <6.0          | <140          | <250          | <120          | <120            | <100          | <200           |
| 1,1-Dichloroethane         | <250                 | <2.5            | <100           | <100          | <120          | <17           | <120          | <250          | <120          | <120            | <100          | <200           |
| 1,1-Dichloroethylene       | <250                 | <b>100</b>      | <100           | <100          | <120          | <b>26</b>     | <360          | <250          | <120          | <120            | <100          | <200           |
| 1,2,4-Trimethylbenzene     | <100                 | <1.0            | <40            | <40           | <50           | <20           | <160          | <100          | <50           | <50             | <40           | <80            |
| 1,3,5-Trimethylbenzene     | <100                 | <1.0            | <40            | <40           | <50           | <20           | <160          | <100          | <50           | <50             | <40           | <80            |
| 1,4-Dichlorobenzene        | <250                 | <2.5            | <100           | <100          | <120          | <26           | <180          | <250          | <120          | <120            | <100          | <200           |
| Benzene                    | <100                 | <1.0            | <40            | <40           | <50           | <24           | <160          | <100          | <50           | <50             | <40           | <80            |
| Chloroethane               | <250                 | <2.5            | <100           | <100          | <120          | <21           | <600          | <250          | <120          | <120            | <100          | <200           |
| Chloroform                 | <250                 | <2.5            | <100           | <100          | <120          | <b>36</b>     | <90           | <250          | <120          | <120            | <100          | <200           |
| Chloromethane              | <250                 | <2.5            | <100           | <100          | <120          | <13           | <190          | <250          | <120          | <120 C          | <100          | <200           |
| cis-1,2-Dichloroethylene   | <b>17,000</b>        | <b>20,000 J</b> | <b>110,000</b> | <b>24,000</b> | <b>42,000</b> | <b>24,800</b> | <b>25,000</b> | <b>26,000</b> | <b>22,000</b> | <b>27,000</b>   | <b>41,000</b> | <b>47,000</b>  |
| Dichlorodifluoromethane    | <250                 | <2.5            | <100           | <100          | <120          | <22           | <240          | <250          | <120          | <120            | <100          | <200           |
| Ethylbenzene               | <250                 | <2.5            | <100           | <100          | <120          | <12           | <190          | <250          | <120          | <120            | <100          | <200           |
| Isopropylbenzene           | <250                 | <2.5            | <100           | <100          | <120          | <19           | <180          | <250          | <120          | <120            | <100          | <200           |
| Methylene Chloride         | <250                 | <b>10 L</b>     | <b>620 L</b>   | <b>100 L</b>  | <b>560 L</b>  | <b>54</b>     | <440          | <b>600 L</b>  | <b>250 L</b>  | <b>260 L</b>    | <100          | <b>1,100 L</b> |
| Methyl-t-butyl ether       | <250                 | <2.5            | <100           | <100          | <120          | <44           | <70           | <250          | <120          | <120            | <100          | <200           |
| Naphthalene                | <250                 | <2.5            | <100           | <100          | <120          | <b>32</b>     | <180          | <250          | <120          | <120            | <100          | <200           |
| n-Propylbenzene            | <250                 | <2.5            | <100           | <100          | <120          | <22           | <230          | <250          | <120          | <120            | <100          | <200           |
| sec-Butylbenzene           | <250                 | <2.5            | <100           | <100          | <120          | <25           | <220          | <250          | <120          | <120            | <100          | <200           |
| Tetrachloroethylene        | <b>41,000</b>        | <b>2,000 J</b>  | <b>1,000</b>   | <b>3,500</b>  | <b>900</b>    | <b>900</b>    | <b>550</b>    | <b>840</b>    | <b>850</b>    | <b>680</b>      | <b>690</b>    | <b>660</b>     |
| Toluene                    | <100                 | <1.0            | <40            | <40           | <50           | <14           | <200          | <100          | <50           | <50             | <40           | <80            |
| trans-1,2-Dichloroethylene | <250                 | <b>1,100</b>    | <b>740</b>     | <b>890</b>    | <120          | <b>210</b>    | <200          | <250          | <b>190</b>    | <b>280</b>      | <b>260</b>    | <b>220</b>     |
| Trichloroethylene          | <b>4,600</b>         | <b>620</b>      | <b>150</b>     | <b>250</b>    | <120          | <b>57</b>     | <240          | <250          | <120          | <120            | <100          | <200           |
| Trimethylbenzenes (Total)  | <200                 | <2              | <80            | <80           | <100          | <40           | <320          | <200          | <100          | <100            | <80           | <160           |
| Vinyl Chloride             | <250                 | <b>11</b>       | <100           | <b>8,800</b>  | <b>4,600</b>  | <b>6,400</b>  | <b>10,000</b> | <b>12,000</b> | <b>10,000</b> | <b>20,000 C</b> | <b>23,000</b> | <b>6,600</b>   |
| Xylene, o                  | NA                   | NA              | NA             | NA            | NA            | NA            | NA            | NA            | NA            | NA              | NA            | NA             |
| Xylenes, Total             | <250                 | <2.5            | <100           | <100          | <120          | <60           | <550          | <250          | <120          | <120            | <100          | <200           |
| <b>Gases</b>               |                      |                 |                |               |               |               |               |               |               |                 |               |                |
| Carbon Dioxide (mg/L)      | 247.1                | 298.7           | 350            | 210           | 300           | 230           | NA            | 220           | 300           | 260             | 230           | 160            |
| Carbon Monoxide (mg/L)     | <0.4                 | <0.4            | NA             | NA            | NA            | NA            | NA            | <0.40         | NA            | NA              | NA            | NA             |
| Ethane (µg/L)              | 0.105                | 0.078           | 0.29           | 0.23          | 0.054         | 0.12          | 0.1           | 0.1           | 0.11          | 0.16            | 0.082         | 0.04           |
| Ethylene (µg/L)            | 0.397                | 0.51            | 1.6            | 19            | 26            | 63            | 79            | 330           | 700           | 1,800           | 600           | 150            |
| Methane (µg/L)             | 24.53                | 44.86           | 150            | 2,900         | 800           | 600           | 640           | 1,000         | 1,300         | 3,000           | 1,600         | 1,300          |

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# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-113 (continued) |          |          |          |          |          |          |          |          |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                 | 09/18/00             | 11/07/00 | 01/08/01 | 04/02/01 | 06/06/01 | 07/26/01 | 08/08/01 | 08/24/01 | 09/11/01 | 12/12/01 | 03/07/02 | 05/29/02 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 15.4                 | 15.13    | 19       | 16       | 14       | 15       | NA       | 13       | 13       | 19       | 12       | 11       |
| Oxygen (mg/L)               | 0.87                 | 0.76     | 1.2      | 0.85     | 1.2      | 0.51     | NA       | 0.42     | 0.69     | 1.3      | 3.2      | 0.58     |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.14                 | 2.52     | 0.37     | 0.58     | 2.47     | 4.9 *    | 0.47     | 0.75     | 0.83     | 0.21     | 5.63 *   | 1.09     |
| Iron, Ferrous (mg/L)        | NM                   | NM       | 0        | 0.3      | 0.3      | 0.9      | 0        | 0.26     | >1       | 0.7      | 0.22     | 0.49     |
| Iron, Total (mg/L)          | 0.7                  | 0.5      | NM       | >1       | >1       | 1        | 0        | 1        | >1       | 1        | 0.9      | >1.0     |
| ORP (mV)                    | -368.7               | -238.9   | -27.5    | -35.8    | -55.2    | -109.5   | -43.6    | -46.6    | -21.5    | -158.7   | -83.6    | -63.1    |
| pH                          | 6.25                 | 6.19     | 6.53     | 6.58     | 6.46     | 6.32     | 6.2      | 6.16     | 6.08     | 6.28     | 6.26     | 6.41     |
| Specific Conductance (µS)   | 5,090                | 8,126    | 3,847    | 2,840    | 6,100    | 5,350    | 6,012    | 6,350    | 6,263    | 5,829    | 5,002    | 1,967    |
| Temperature (°C)            | 11.92                | 12.44    | 11.44    | 10.37    | 10.61    | 11.01    | 11.39    | 11.66    | 12.04    | 12.79    | 12.08    | 17.24    |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 110                  | 90       | 80       | 24       | 160      | 64       | 76       | 110      | 120      | 70       | 34       | 12       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGMW-114 |          |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                | 05/09/00 | 09/18/00 | 11/07/00 | 01/05/01 | 04/02/01 | 09/11/01 | 12/17/01 | 03/06/02 | 05/29/02 | 09/16/02 | 12/17/02 | 03/07/03 | 09/10/03 |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <5.0     | <1.0     |
| 1,1-Dichloroethane         | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <5.0     | <1.0     |
| 1,1-Dichloroethylene       | <1.2     | <1.2     | 2.8      | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <5.0     | <1.0     |
| 1,2,4-Trimethylbenzene     | <0.50    | <0.50    | <1.0     | <2.5     | <5.0     | <2.5     | <2.0     | <2.5     | <2.0     | <1.0     | <0.80    | <2.5     | <0.50    |
| 1,3,5-Trimethylbenzene     | <0.50    | <0.50    | <1.0     | <2.5     | <5.0     | <2.5     | <2.0     | <2.5     | <2.0     | <1.0     | <0.80    | <2.5     | <0.50    |
| 1,4-Dichlorobenzene        | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <2.5     | <0.50    |
| Benzene                    | <0.50    | <0.50    | <1.0     | <2.5     | <5.0     | <2.5     | <2.0     | <2.5     | <2.0     | <1.0     | <0.80    | <2.5     | <0.50    |
| Chloroethane               | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <10      | <2.0     |
| Chloroform                 | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <2.5     | <0.50    |
| Chloromethane              | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <2.5     | <0.50    |
| cis-1,2-Dichloroethylene   | 1.6      | 120      | 1,400 J  | 2,400    | 1,600    | 1,500    | 700      | 630      | 210      | 480      | 89       | 61       | 11       |
| Dichlorodifluoromethane    | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <5.0     | <1.0     |
| Ethylbenzene               | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <5.0     | <1.0     |
| Isopropylbenzene           | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <2.5     | <0.50    |
| Methylene Chloride         | <1.2     | <1.2     | 9.1 L    | 26 L     | 48 L     | 14 L     | 34 L     | <6.2     | 27 L     | 6.2 L    | 17 L     | <10      | <2.0     |
| Methyl-t-butyl ether       | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <5.0     | <1.0     |
| Naphthalene                | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <2.5     | <0.50    |
| n-Propylbenzene            | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <5.0     | <1.0     |
| sec-Butylbenzene           | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <2.5     | <0.50    |
| Tetrachloroethylene        | 200      | 130      | 82       | 68       | 66       | 33       | 26       | 18       | 16       | 8.5      | 2.2      | 5.9      | 13       |
| Toluene                    | <0.50    | <0.50    | <1.0     | <2.5     | <5.0     | <2.5     | <2.0     | <2.5     | <2.0     | <1.0     | <0.80    | <2.5     | <0.50    |
| trans-1,2-Dichloroethylene | <1.2     | <1.2     | 13       | 20       | 16       | 26       | 16       | 18       | 8        | 12       | 4        | <5.0     | <1.0     |
| Trichloroethylene          | 3.6      | 120      | 51       | <6.2     | <12      | 8.2      | 8.8      | <6.2     | <5.0     | 3.7      | 7.1      | 3.9      | 4.4      |
| Trimethylbenzenes (Total)  | <1       | <1       | <2       | <5       | <10      | <5       | <4       | <5       | <4       | <2       | <1.6     | <5       | <1       |
| Vinyl Chloride             | <1.2     | <1.2     | <2.5     | <6.2     | <12      | 550      | 440      | 640      | 540      | 510      | 640      | 490      | 140      |
| Xylene, o                  | NA       |
| Xylenes, Total             | <1.2     | <1.2     | <2.5     | <6.2     | <12      | <6.2     | <5.0     | <6.2     | <5.0     | <2.5     | <2.0     | <5.0     | <1.0     |
| <b>Gases</b>               |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 107.6    | 202.3    | 160      | 180      | 190      | 380      | 330      | 390      | 480      | 180      | 620      | 270      | 110      |
| Carbon Monoxide (mg/L)     | <0.40    | <0.4     | <0.40    | NA       | <0.40    | <0.40    |
| Ethane (µg/L)              | 0.03     | 0.039    | 0.014    | <0.005   | <0.005   | 0.031    | 0.013    | <0.005   | <0.005   | 0.045    | 0.0086   | 0.013    | 0.18     |
| Ethylene (µg/L)            | 0.037    | 0.408    | 0.166    | 0.092    | 0.062    | 6.6      | 9.2      | 10       | 30       | 44       | 67       | 130      | 66       |
| Methane (µg/L)             | 0.715    | 32.73    | 1,980    | 17,000   | 15,000   | 5,300    | 7,000    | 7,800    | 10,000   | 7,600    | 5,900    | 16,000   | 1,600    |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.                 | AGMW-114 |          |          |          |          |          |          |          |          |          |          |          |          |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                 | 05/09/00 | 09/18/00 | 11/07/00 | 01/05/01 | 04/02/01 | 09/11/01 | 12/17/01 | 03/06/02 | 05/29/02 | 09/16/02 | 12/17/02 | 03/07/03 | 09/10/03 |
| <b>Gases (continued)</b>    |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 16.11    | 17.75    | 12.45    | 7.6      | 10       | 8.7      | 6.9      | 5        | 6.2      | 8        | 8.6      | 8        | 16       |
| Oxygen (mg/L)               | 1.88     | 0.64     | 0.56     | 0.92     | 0.74     | 0.39     | 0.61     | 0.4      | 0.21     | 0.52     | 0.45     | 0.3      | 1.1      |
| <b>Field Data</b>           |          |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | NM       | 0.44     | 0.31     | 0.27     | 0.3      | 0.86     | 0.4      | 0.1      | 1.1      | 3.39 *   | 0.59     | 0.38     | 0.54     |
| Iron, Ferrous (mg/L)        | 0        | NM       | 0.26     | >1       | 0.72     | >1       | 0.3      | 0.3      | 0.34     | >1.0     | 0.36     | 0.4      | 0.34     |
| Iron, Total (mg/L)          | 0.05     | >1       | NM       | >1       | >1       | >1       | 1        | 0.9      | >1.0     | >1.0     | 0.86     | 0.9      | >1.0     |
| ORP (mV)                    | 92.3     | -201.8   | -162     | -114     | -65.5    | -30.8    | -153.9   | -70.5    | -65.7    | -78      | -92.1    | -79      | -141.1   |
| pH                          | 6.97     | 5.2      | 5.9      | 6.72     | 6.62     | 5.96     | 6.46     | 6.42     | 6.32     | 6.66     | 6.27     | 6.84     | 6.62     |
| Specific Conductance (µS)   | 5,561    | 5,712    | 6,068    | 6,297    | 6,620    | 9,099    | 8,020    | 15,516   | 6,869    | 7,899    | 5,098    | 5,420    | 5,947    |
| Temperature (°C)            | 12.81    | 15.88    | 16.07    | 14.99    | 12.14    | 13.87    | 14.46    | 7.4      | 19.27    | 14.28    | 6.07     | 7.26     | 13.59    |
| Alkalinity, total (CaCO3)   | NA       |
| Total Organic Carbon (mg/L) | <5.0 M   | 80       | 16       | 7.5      | 5.6      | 360      | 220      | 230      | 150      | 34       | 370      | 35       | 7.1      |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-114 (continued) |          |          |          |          |          | AGMW-115R |          |          |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|                            | 03/03/04             | 07/07/04 | 09/09/04 | 12/13/04 | 03/08/05 | 06/08/06 | 12/14/01  | 03/07/02 | 05/29/02 | 09/16/02 | 12/17/02 | 03/07/03 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |           |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <1.0     |
| 1,1-Dichloroethane         | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <1.0     |
| 1,1-Dichloroethylene       | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <1.0     |
| 1,2,4-Trimethylbenzene     | <0.20                | <0.20    | <0.20    | <0.20    | <0.20    | <0.20    | 0.11      | <2.0     | <2.0     | <0.50    | <0.50    | <0.50    |
| 1,3,5-Trimethylbenzene     | <0.20                | <0.20    | <0.20    | <0.20    | <0.20    | <0.20    | <0.10     | <2.0     | <2.0     | <0.50    | <0.50    | <0.50    |
| 1,4-Dichlorobenzene        | <0.20                | <0.20    | <0.20    | <0.20    | <0.20    | <0.20    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <0.50    |
| Benzene                    | <0.20                | <0.20    | <0.20    | <0.20    | <0.20    | <0.20    | <0.10     | <2.0     | <2.0     | <0.50    | <0.50    | <0.50    |
| Chloroethane               | <1.0                 | <1.0     | <1.0     | <1.0     | <1.0     | <1.0 C   | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <2.0     |
| Chloroform                 | <0.20                | <0.20    | <0.20    | <0.20    | <0.20    | <0.20    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <0.50    |
| Chloromethane              | <0.20                | <0.20    | <0.20    | <0.20    | <0.20    | <0.20    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <0.50    |
| cis-1,2-Dichloroethylene   | 12                   | 8.2      | 8.1      | 5.5      | 3.1      | 1.8      | 0.89      | 5.4      | 300      | 180      | 78       | 130      |
| Dichlorodifluoromethane    | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <1.0     |
| Ethylbenzene               | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <1.0     |
| Isopropylbenzene           | <0.20                | <0.20    | <0.20    | <0.20    | <0.20    | <0.20    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <0.50    |
| Methylene Chloride         | <1.0                 | <1.0     | <1.0     | <1.0     | <1.0     | <1.0     | 1.1 L     | <5.0     | 27 L     | 2.7 L    | <1.2     | <2.0 C   |
| Methyl-t-butyl ether       | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <1.0     |
| Naphthalene                | <0.25                | <0.25    | <0.25    | 1.1      | <0.25    | <0.25    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <0.50    |
| n-Propylbenzene            | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <1.0     |
| sec-Butylbenzene           | <0.25                | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <0.50    |
| Tetrachloroethylene        | <0.50                | 22       | 22       | 19       | 17       | 18       | 1300 J    | 840      | 320      | 270      | 220      | 110      |
| Toluene                    | <0.20                | <0.20    | <0.20    | <0.20    | <0.20    | <0.20    | <0.10     | <2.0     | <2.0     | <0.50    | <0.50    | <0.50    |
| trans-1,2-Dichloroethylene | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | 1.6      | 1.3      |
| Trichloroethylene          | 1.2                  | 4.3      | 3.9      | 3.6      | 2.7      | 2.5      | 2.7       | 9.8      | 12       | 26       | 33       | 20       |
| Trimethylbenzenes (Total)  | <0.4                 | <0.4     | <0.4     | <0.4     | <0.4     | <0.4     | 0.11      | <4       | <4       | <1       | <1       | <1       |
| Vinyl Chloride             | 130                  | 89       | 68       | 26       | 20       | 11       | <0.25     | 8.8      | <5.0     | 13       | 6.1      | 26       |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA        | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <0.50                | <0.50    | <0.50    | <0.50    | <0.50    | <0.50    | <0.25     | <5.0     | <5.0     | <1.2     | <1.2     | <1.0     |
| <b>Gases</b>               |                      |          |          |          |          |          |           |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 96                   | NA       | 68       | NA       | 81       | NA       | 31        | 49       | 72       | 56       | 110      | 110      |
| Carbon Monoxide (mg/L)     | <0.40                | NA       | NA       | NA       | NA       | NA       | NA        | NA       | NA       | NA       | NA       | <0.40    |
| Ethane (µg/L)              | 2.9                  | 1.3      | 0.64     | 1.1      | 0.82     | NA       | 0.33      | 0.3      | 0.19     | 0.28     | 26       | 60       |
| Ethylene (µg/L)            | 220                  | 66       | 26       | 74       | 55       | NA       | 1.4       | 1.8      | 0.45     | 21       | 62       | 8        |
| Methane (µg/L)             | 2,500                | 390      | 25       | 440      | 150      | NA       | 31        | 30       | 27       | 60       | 1,600    | 3,400    |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date  | AGMW-114 (continued) |          |          |          |          |          | AGMW-115R |          |          |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|                             | 03/03/04             | 07/07/04 | 09/09/04 | 12/13/04 | 03/08/05 | 06/08/06 | 12/14/01  | 03/07/02 | 05/29/02 | 09/16/02 | 12/17/02 | 03/07/03 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |           |          |          |          |          |          |
| Nitrogen (mg/L)             | 15                   | NA       | NA       | NA       | NA       | NA       | 17        | 16       | 18       | 16       | 17       | 16       |
| Oxygen (mg/L)               | 6.7                  | NA       | NA       | NA       | NA       | NA       | 8.8       | 5        | 0.66     | 5.4      | 0.72     | 0.54     |
| <b>Field Data</b>           |                      |          |          |          |          |          |           |          |          |          |          |          |
| DO (mg/L)                   | 0.49                 | 0.99     | 0.02     | 0.41     | 0.07     | 0.36     | 0.15      | 0.13     | 0.3      | 0.06     | 0.08     | 0.23     |
| Iron, Ferrous (mg/L)        | 0.4                  | 0.5      | 0.58     | NM       | NA       | NA       | 0.18      | 0.05     | 0.44     | 0.6      | 0.34     | 0.32     |
| Iron, Total (mg/L)          | >1                   | 0.6      | 0.62     | NM       | NA       | NA       | 0.24      | 0.32     | 0.5      | >1.0     | 0.92     | 0.79     |
| ORP (mV)                    | -89.4                | -78.5    | -117     | -88.5    | -89.4    | -96.7    | -38       | -182.9   | -192.6   | -234.4   | -151     | -117.9   |
| pH                          | 6.81                 | 7.02     | 6.98     | 6.97     | 6.87     | 6.84     | 6.91      | 6.9      | 6.92     | 7.23     | 6.89     | 7.25     |
| Specific Conductance (µS)   | 5,445                | 2,616    | 4,975    | 5,789    | 4,587    | 4,980    | 4,945     | 6,854    | 4,493    | 5,757    | 5,972    | 5,475    |
| Temperature (°C)            | 7.62                 | 16.85    | 14.35    | 9.81     | 12.08    | 11.57    | 13.4      | 11.85    | 10.82    | 13.04    | 13.63    | 11.94    |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA        | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 2 M                  | 5 M      | 3.1 M    | 3.2 M    | 3 M      | NA       | 4.7       | 1.6      | 6.5      | 7.3      | 10       | 10       |

- Constituent concentration exceeds Chapter NR 140 PAL.
- Bold** Constituent concentration exceeds Chapter NR 140 ES.
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-115R (continued) |            |            |            |            |            |            | AGMW-116   |             |              |              |              |              |
|----------------------------|-----------------------|------------|------------|------------|------------|------------|------------|------------|-------------|--------------|--------------|--------------|--------------|
|                            | 09/10/03              | 03/05/04   | 07/08/04   | 09/09/04   | 12/13/04   | 03/10/05   | 06/09/06   | 07/17/00   | 09/19/00    | 11/09/00     | 01/05/01     | 03/30/01     | 09/07/01     |
| <b>VOC (µg/L)</b>          |                       |            |            |            |            |            |            |            |             |              |              |              |              |
| 1,1,1-Trichloroethane      | <1.0                  | <1.0       | <1.0       | <2.5       | <1.0       | <2.0       | <1.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| 1,1-Dichloroethane         | <1.0                  | <1.0       | <1.0       | <2.5       | <1.0       | <2.0       | <1.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| 1,1-Dichloroethylene       | <1.0                  | <1.0       | <1.0       | <2.5       | <1.0       | <2.0       | <1.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| 1,2,4-Trimethylbenzene     | <0.50                 | <0.40      | <0.40      | <1.0       | <0.40      | <0.80      | <0.40      | <1.0       | <0.10       | 1.2          | <1.0         | <1.0         | <1.0         |
| 1,3,5-Trimethylbenzene     | <0.50                 | <0.40      | <0.40      | <1.0       | <0.40      | <0.80      | <0.40      | <1.0       | <0.10       | <1.0         | <1.0         | <1.0         | <1.0         |
| 1,4-Dichlorobenzene        | <0.50                 | <0.40      | <0.40      | <1.0       | <0.40      | <0.80      | <0.40      | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| Benzene                    | <0.50                 | <0.40      | <0.40      | <1.0       | <0.40      | <0.80      | <0.40      | <1.0       | <0.10       | <1.0         | <1.0         | <1.0         | <1.0         |
| Chloroethane               | <2.0                  | <2.0       | <2.0       | <5.0       | <2.0       | <4.0       | <2.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| Chloroform                 | <0.50                 | <0.40      | <0.40      | <1.0       | <0.40      | <0.80      | <0.40      | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| Chloromethane              | <0.50                 | <0.40      | <0.40      | <1.0       | <0.40      | <0.80      | <0.40      | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| cis-1,2-Dichloroethylene   | <b>87</b>             | <b>160</b> | <b>150</b> | <b>160</b> | <b>180</b> | <b>150</b> | <b>120</b> | <b>290</b> | <b>300</b>  | <b>620</b>   | <b>540</b>   | <b>300</b>   | <b>780</b>   |
| Dichlorodifluoromethane    | <1.0                  | <1.0       | <1.0       | <2.5       | <1.0       | <2.0       | <1.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| Ethylbenzene               | <1.0                  | <1.0       | <1.0       | <2.5       | <1.0       | <2.0       | <1.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| Isopropylbenzene           | <0.50                 | <0.40      | <0.40      | <1.0       | <0.40      | <0.80      | <0.40      | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| Methylene Chloride         | <2.0                  | <2.0       | <2.0       | <5.0       | <2.0       | <4.0       | <2.0       | <b>4 L</b> | 0.28 L      | <b>9.8 L</b> | <b>5.3 L</b> | <b>8.3 L</b> | <b>7.2 L</b> |
| Methyl-t-butyl ether       | <1.0                  | <1.0       | <1.0       | <2.5       | <1.0       | <2.0       | <1.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| Naphthalene                | <0.50                 | <0.50      | <0.50      | <1.2       | <0.50      | <1.0       | <0.50      | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| n-Propylbenzene            | <1.0                  | <1.0       | <1.0       | <2.5       | <1.0       | <2.0       | <1.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| sec-Butylbenzene           | <0.50                 | <0.50      | <0.50      | <1.2       | <0.50      | <1.0       | <0.50      | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| Tetrachloroethylene        | <b>110</b>            | <b>70</b>  | <b>150</b> | <b>97</b>  | <b>120</b> | <b>36</b>  | <b>22</b>  | <b>13</b>  | <b>20</b>   | <b>6.1</b>   | <2.5         | <b>4.7</b>   | <b>14</b>    |
| Toluene                    | <0.50                 | <0.40      | <0.40      | <1.0       | <0.40      | <0.80      | <0.40      | <1.0       | <0.10       | <1.0         | <1.0         | <1.0         | <1.0         |
| trans-1,2-Dichloroethylene | <1.0                  | 1.2        | <1.0       | <2.5       | 1.6        | <2.0       | 1.1 J      | <2.5       | 3.4         | 12           | <2.5         | <2.5         | 6.5          |
| Trichloroethylene          | <b>24</b>             | <b>27</b>  | <b>47</b>  | <b>39</b>  | <b>47</b>  | <b>20</b>  | <b>12</b>  | <b>36</b>  | <b>44</b>   | <b>32</b>    | <b>50</b>    | <b>39</b>    | <b>26</b>    |
| Trimethylbenzenes (Total)  | <1                    | <0.8       | <0.8       | <2         | <0.8       | <1.6       | <0.8       | <2         | <0.2        | 1.2          | <2           | <2           | <2           |
| Vinyl Chloride             | <b>4.1</b>            | <b>7.8</b> | <b>5</b>   | <b>5.4</b> | <b>5.1</b> | <b>20</b>  | <b>34</b>  | <2.5       | <b>0.65</b> | <2.5         | <2.5         | <2.5         | <2.5         |
| Xylene, o                  | NA                    | NA         | NA         | NA         | NA         | NA         | NA         | NA         | NA          | NA           | NA           | NA           | NA           |
| Xylenes, Total             | <1.0                  | <1.0       | <1.0       | <2.5       | <1.0       | <2.0       | <1.0       | <2.5       | <0.25       | <2.5         | <2.5         | <2.5         | <2.5         |
| <b>Gases</b>               |                       |            |            |            |            |            |            |            |             |              |              |              |              |
| Carbon Dioxide (mg/L)      | 90                    | 100        | NA         | 80         | NA         | 76         | NA         | 56.65      | 64.65       | 62.71        | 55           | 68           | 77           |
| Carbon Monoxide (mg/L)     | < 0.40                | <0.40      | NA         | NA         | NA         | NA         | NA         | <0.40      | <0.4        | <0.40        | NA           | NA           | NA           |
| Ethane (µg/L)              | 0.1                   | 18         | 14         | 10         | 7.3        | 12         | NA         | 0.065      | 0.045       | 0.061        | 0.083        | 0.028        | 0.058        |
| Ethylene (µg/L)            | 0.096                 | 10         | 3.6        | 4.2        | 7.4        | 12         | NA         | 0.078      | 0.088       | 0.147        | 0.18         | 0.039        | 0.18         |
| Methane (µg/L)             | 5.7                   | 2,400      | 2,600      | 2,700      | 3,000      | 4,700      | NA         | 2.26       | 4.055       | 6.838        | 150          | 4.6          | 14           |

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# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-115R (continued) |          |          |          |          |          |          | AGMW-116 |          |          |          |          |          |
|-----------------------------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                 | 09/10/03              | 03/05/04 | 07/08/04 | 09/09/04 | 12/13/04 | 03/10/05 | 06/09/06 | 07/17/00 | 09/19/00 | 11/09/00 | 01/05/01 | 03/30/01 | 09/07/01 |
| <b>Gases (continued)</b>    |                       |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 18                    | 24       | NA       | NA       | NA       | NA       | NA       | 16.48    | 15.14    | 17.71    | 24       | 20       | 20       |
| Oxygen (mg/L)               | 5.5                   | 7.7      | NA       | NA       | NA       | NA       | NA       | 5.7      | 2.19     | 0.77     | 2.3      | 2.2      | 1.4      |
| <b>Field Data</b>           |                       |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.33                  | 0.13     | 0.14     | 0.08     | 0.35     | 0.03     | 0.35     | 2.26     | 0.25     | 1.67     | 0.25     | 0.33     | 0.1      |
| Iron, Ferrous (mg/L)        | 0.5                   | 0.42     | 0.5      | 0.48     | NM       | NA       | NA       | 0.76     | NM       | NM       | 0.19     | 0.54     | 0.12     |
| Iron, Total (mg/L)          | >1.0                  | >1       | >1.0     | >1       | NM       | NA       | NA       | 0.78     | 0.7      | 0.3      | 0.21     | 0.64     | 0.2      |
| ORP (mV)                    | -112.4                | -84.7    | -150.5   | -112.8   | -91.9    | -82.6    | -100.7   | -12      | -56.8    | -233.9   | -0.1     | -29.9    | -307.6   |
| pH                          | 6.87                  | 7.03     | 7.01     | 7.09     | 6.98     | 6.86     | 6.93     | 11.23 *  | 6.77     | 6.91     | 6.99     | 6.85     | 6.9      |
| Specific Conductance (µS)   | 6,254                 | 6,069    | 5,157    | 6,067    | 5,832    | 5,537    | 5,516    | 6,441    | 9,471    | 10,203   | 8,665    | 11,128   | 10,303   |
| Temperature (°C)            | 12.17                 | 12.14    | 11.21    | 12.53    | 13.88    | 12.14    | 11.23    | 18.84    | 15.46    | 15.3     | 9.08     | 8.2      | 15.62    |
| Alkalinity, total (CaCO3)   | NA                    | NA       | NA       | NA       | NA       | NA       | NA       | 410      | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 2.1                   | 2.2 M    | 1.6 M    | 2.5 M    | 2.2 M    | 2.9 M    | NA       | <5.0 M   | 4.2      | 2.7      | 3        | 1.9      | 3        |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGMW-116 (continued) |          |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                | 12/14/01             | 03/05/02 | 05/28/02 | 09/13/02 | 12/18/02 | 03/07/03 | 09/11/03 | 03/05/04 | 07/08/04 | 09/10/04 | 12/14/04 | 03/10/05 | 11/04/05 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <2.5                 | <5.0     | <12      | <10      | <25      | <25      | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| 1,1-Dichloroethane         | <2.5                 | <5.0     | <12      | <10      | <25      | <25      | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| 1,1-Dichloroethylene       | <2.5                 | <5.0     | <12      | <10      | <25      | <25      | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| 1,2,4-Trimethylbenzene     | <1.0                 | <2.0     | <5.0     | <4.0     | <10      | <12      | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     |
| 1,3,5-Trimethylbenzene     | <1.0                 | <2.0     | <5.0     | <4.0     | <10      | <12      | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     |
| 1,4-Dichlorobenzene        | <2.5                 | <5.0     | <12      | <10      | <25      | <12      | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     |
| Benzene                    | <1.0                 | <2.0     | <5.0     | <4.0     | <10      | <12      | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     |
| Chloroethane               | <2.5                 | <5.0     | <12      | <10      | <25      | <50      | <50      | <100     | <50      | <40      | <50      | <32      | <32      |
| Chloroform                 | <2.5                 | <5.0     | <12      | <10      | <25      | <12      | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     |
| Chloromethane              | <2.5                 | <5.0     | <12      | 16 B     | <25      | <12      | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     |
| cis-1,2-Dichloroethylene   | 2,000 J              | 2,100    | 2,100    | 4,900    | 7,000    | 3,300    | 5,800    | 5,660    | 2,300    | 3,600    | 6,800    | 1,700    | 4,900    |
| Dichlorodifluoromethane    | <2.5                 | <5.0     | <12      | <10      | <25      | <25      | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| Ethylbenzene               | <2.5                 | <5.0     | <12      | <10      | <25      | <25      | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| Isopropylbenzene           | <2.5                 | <5.0     | <12      | <10      | <25      | <12      | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     |
| Methylene Chloride         | 7.5 L                | <5.0     | 58 L     | 67 L     | <25      | <50      | <50      | <100     | <50      | <40      | <50      | <32      | <32      |
| Methyl-t-butyl ether       | <2.5                 | <5.0     | <12      | <10      | <25      | <25      | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| Naphthalene                | <2.5                 | <5.0     | <12      | <10      | <25      | <12      | <12      | <25      | 18       | 28       | <12      | <8.0     | <8.0     |
| n-Propylbenzene            | <2.5                 | <5.0     | <12      | <10      | <25      | <25      | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| sec-Butylbenzene           | <2.5                 | <5.0     | <12      | <10      | <25      | <12      | <12      | <25      | <12      | <10      | <12      | <8.0     | <8.0     |
| Tetrachloroethylene        | 12                   | <5.0     | <12      | 11       | <25      | 27       | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| Toluene                    | <1.0                 | <2.0     | <5.0     | <4.0 B   | <10      | <12      | <12      | <20      | <10      | <8.0     | <10      | <6.4     | <6.4     |
| trans-1,2-Dichloroethylene | 12                   | 15       | 16       | 41       | <25      | <25      | 93       | <50      | <25      | 35       | 42       | <16      | 35 J     |
| Trichloroethylene          | 29                   | 21       | 13       | 260      | 320      | 1,300    | 690      | 379      | 87       | 76       | 130      | 31       | 110      |
| Trimethylbenzenes (Total)  | <2                   | <4       | <10      | <8       | <20      | <24      | <24      | <40      | <20      | <16      | <20      | <12.8    | <12.8    |
| Vinyl Chloride             | <2.5                 | <5.0     | <12      | 14       | 34       | 76       | 77       | 86       | 29       | 32       | 96       | 24       | 29       |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <2.5                 | <5.0     | <12      | <10      | <25      | <25      | <25      | <50      | <25      | <20      | <25      | <16      | <16      |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 66                   | 69       | 64       | 140      | 140      | 160      | 100      | 100      | NA       | 87       | NA       | 71       | NA       |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | NA       | <0.40    | <0.40    | <0.40    | NA       | NA       | NA       | NA       | NA       |
| Ethane (µg/L)              | 0.19                 | 0.052    | 0.076    | 0.079    | 0.11     | 0.24     | 0.23     | 0.31     | 0.041    | 0.048    | 0.042    | 0.22     | NA       |
| Ethylene (µg/L)            | 0.85                 | 0.083    | 0.14     | 1.7      | 2.2      | 5.9      | 6.3      | 3.1      | 0.2      | 0.53     | 3.6      | 0.92     | NA       |
| Methane (µg/L)             | 11                   | 5.9      | 9.9      | 610      | 370      | 820      | 280      | 330      | 24       | 61       | 110      | 34       | NA       |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                            | AGMW-116 (continued) |          |          |          |          |          |          |          |          |          |          |          |          |
|--|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                            | 12/14/01             | 03/05/02 | 05/28/02 | 09/13/02 | 12/18/02 | 03/07/03 | 09/11/03 | 03/05/04 | 07/08/04 | 09/10/04 | 12/14/04 | 03/10/05 | 11/04/05 |
| <b>Gases (continued)</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | 21                   | 16       | 21       | 15       | 16       | 19       | 18       | 20       | NA       | NA       | NA       | NA       | NA       |
| Oxygen (mg/L)                          | 10                   | 6.1      | 2.4      | 5.3      | 7.7      | 7        | 9.3      | 9.6      | NA       | NA       | NA       | NA       | NA       |
| <b>Field Data</b>                      |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.11                 | 5.23 *   | 0.26     | 0.49     | 1.28     | 0.19     | 0.47     | 0.08     | 0.5      | 0.14     | 0.64     | 0.16     | NA       |
| Iron, Ferrous (mg/L)                   | 0.1                  | 0.24     | 0.27     | >1.0     | 0.22     | 0.34     | 0.38     | 0.32     | 0.1      | 0.26     | NM       | NA       | NA       |
| Iron, Total (mg/L)                     | 0.24                 | 0.31     | 0.34     | >1.0     | 0.34     | 0.36     | 0.56     | 0.48     | 0.2      | 0.3      | NM       | NA       | NA       |
| ORP (mV)                               | -118                 | 66.07    | -57.1    | -37.8    | -106.7   | -71.7    | -88.2    | -18.4    | -23.8    | -55.5    | -46.6    | -74      | NA       |
| pH                                     | 6.94                 | 7.06     | 6.95     | 6.9      | NM       | 7.35     | 6.71     | 6.82     | 6.8      | 6.92     | 6.79     | 6.89     | NA       |
| Specific Conductance (µS)              | 8,645                | 18,000   | 7,020    | 8,253    | 8,539    | 6,973    | 7,351    | 6,354    | 7,185    | 10,764   | 1,064    | 7,891    | NA       |
| Temperature (°C)                       | 13.75                | 9.9      | 10.11    | 16.6     | 13.3     | 9.07     | 14.79    | 9.21     | 13.18    | 14.38    | 13.01    | 8.91     | NA       |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L)            | 4.8                  | 3.9      | 4.7      | 8.5      | 7.1      | 7.9      | 1.9      | 2.2 M    | 2.2 M    | 2.4 M    | 2.7 M    | 2.9 M    | NA       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-116 (continued) |          |          |          |          |          | AGMW-117 |          |          |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/09/06             | 06/09/06 | 07/17/00 | 09/12/00 | 11/10/00 | 01/04/01 | 04/02/01 | 07/26/01 | 08/07/01 | 08/23/01 | 09/06/01 | 12/12/01 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <1.4     | <1.4     | <2.8     | <2.5     | <2.8     |
| 1,1-Dichloroethane         | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <1.2     | <1.2     | <2.5     | <2.5     | <2.5     |
| 1,1-Dichloroethylene       | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <3.6     | <3.6     | <7.3     | <2.5     | <7.3     |
| 1,2,4-Trimethylbenzene     | <16                  | <4.0     | <0.20    | <1.0     | <1.0     | <1.0     | <0.40    | <1.6     | <1.6     | <3.2     | <1.0     | <3.2     |
| 1,3,5-Trimethylbenzene     | <16                  | <4.0     | <0.20    | <1.0     | <1.0     | <1.0     | <0.40    | <1.6     | <1.6     | <3.3     | <1.0     | <3.3     |
| 1,4-Dichlorobenzene        | <16                  | <4.0     | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <1.8     | <1.8     | <3.5     | <2.5     | <3.5     |
| Benzene                    | <16                  | <4.0     | <0.20    | <1.0     | <1.0     | <1.0     | <0.40    | <1.6     | <1.6     | <3.1     | <1.0     | <3.1     |
| Chloroethane               | <80                  | <20      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <6.0     | <6.0     | <12      | <2.5     | <12      |
| Chloroform                 | <16                  | <4.0     | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <0.90    | <0.90    | <1.8     | <2.5     | 6.5      |
| Chloromethane              | <16                  | <4.0     | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | 20       | <1.9     | <3.8     | <2.5     | <3.8     |
| cis-1,2-Dichloroethylene   | 2,700                | 1,100    | 100      | 440      | 710      | 260      | 230      | 330      | 610      | 580      | 430      | 400      |
| Dichlorodifluoromethane    | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <2.4     | <2.4     | <4.9     | <2.5     | <4.9     |
| Ethylbenzene               | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <1.9     | <1.9     | <3.8     | <2.5     | <3.8     |
| Isopropylbenzene           | <16                  | <4.0     | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <1.8     | <1.8     | <3.6     | <2.5     | <3.6     |
| Methylene Chloride         | <80                  | <20      | 0.98 L   | 5.6 L    | 9.5 L    | 5.1 L    | 1.5 L    | <4.4     | <4.4     | <8.7     | 6.1 L    | 32 L     |
| Methyl-t-butyl ether       | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <0.70    | <0.70    | <1.4     | <2.5     | <1.4     |
| Naphthalene                | <20                  | <5.0     | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <1.8     | <1.8     | <3.5     | <2.5     | <3.5     |
| n-Propylbenzene            | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <2.3     | <2.3     | <4.6     | <2.5     | <4.6     |
| sec-Butylbenzene           | <20                  | <5.0     | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <2.2     | <2.2     | <4.5     | <2.5     | <4.5     |
| Tetrachloroethylene        | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <3.2     | 3.4      | <6.3     | <2.5     | <6.3     |
| Toluene                    | <16                  | <4.0     | <0.20    | <1.0     | <1.0     | <1.0     | <0.40    | <2.0     | <2.0     | <3.9     | <1.0     | <3.9     |
| trans-1,2-Dichloroethylene | <40                  | 15 J     | 7.7      | 22       | 49       | 16       | 14       | 20       | 33       | 32       | 25       | 24       |
| Trichloroethylene          | <16                  | <4.0     | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <2.4     | <2.4     | <4.9     | <2.5     | <4.9     |
| Trimethylbenzenes (Total)  | <32                  | <8       | <0.4     | <2       | <2       | <2       | <0.8     | <3.2     | <3.2     | <6.5     | <2       | <6.5     |
| Vinyl Chloride             | 94                   | 100      | 29       | 21       | 54       | 43       | 23       | 50       | 48       | 50       | 37       | 54       |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <40                  | <10      | <0.50    | <2.5     | <2.5     | <2.5     | <1.0     | <5.5     | <5.5     | <11      | <2.5     | <11      |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA                   | NA       | 252.8    | 128      | 133.9    | 150      | 160      | 140      | NA       | 93       | 160      | 130      |
| Carbon Monoxide (mg/L)     | NA                   | NA       | <0.40    | <0.40    | <0.40    | NA       | NA       | NA       | NA       | <0.40    | NA       | NA       |
| Ethane (µg/L)              | 0.099                | 0.073    | 0.275    | 0.099    | 0.129    | 1.2      | 0.4      | 0.34     | 0.32     | 0.37     | 0.54     | 0.83     |
| Ethylene (µg/L)            | 110                  | 200      | 0.362    | 0.045    | 0.093    | 0.75     | 0.3      | 0.35     | 0.43     | 0.52     | 0.58     | 0.71     |
| Methane (µg/L)             | 78                   | 89       | 250      | 0.326    | 16.18    | 940      | 280      | 280      | 160      | 190      | 330      | 420      |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date  | AGMW-116 (continued) |          |          |          |          | AGMW-117 |          |          |          |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 03/09/06             | 06/09/06 | 07/17/00 | 09/12/00 | 11/10/00 | 01/04/01 | 04/02/01 | 07/26/01 | 08/07/01 | 08/23/01 | 09/06/01 | 12/12/01 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | NA                   | NA       | 15.83    | 14.3     | 15.94    | 22       | 19       | 16       | NA       | 20       | 20       | 19       |
| Oxygen (mg/L)               | NA                   | NA       | 0.76     | 0.64     | 1.02     | 1.4      | 1        | 0.6      | NA       | 1.9      | 0.86     | 2.8      |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | NA                   | 0.25     | 0.3      | 0.08     | 0.36     | 0.32     | 0.15     | 0.29     | 0.18     | -1.15 *  | 0.12     | 0.14     |
| Iron, Ferrous (mg/L)        | NA                   | NA       | 1        | NM       | NM       | 0.2      | 0.84     | 0.8      | 0.04     | 0.36     | 0.94     | 0.35     |
| Iron, Total (mg/L)          | NA                   | NA       | 1        | >1       | 0.46     | 1        | >1       | 1        | 0.12     | 0.64     | >1       | 0.78     |
| ORP (mV)                    | NA                   | -102.5   | -31.6    | -3.5     | -36.9    | -57      | -51.3    | -97.8    | -54.7    | -51.9    | -255.3   | -96.8    |
| pH                          | NA                   | 6.75     | 6.05     | 6.69     | 6.91     | 6.82     | 6.63     | 6.62     | 6.61     | 6.71     | 6.74     | 6.77     |
| Specific Conductance (µS)   | NA                   | 8,611    | 3,286    | 2,644    | 2,941    | 3,128    | 6,063    | 5,450    | 5,598    | 5,885    | 5,909    | 5,602    |
| Temperature (°C)            | NA                   | 9.97     | 15.75    | 13.89    | 12.61    | 12.25    | 11.3     | 12.55    | 13.09    | 13.68    | 14.18    | 14.7     |
| Alkalinity, total (CaCO3)   | NA                   | NA       | 490      | NA       |
| Total Organic Carbon (mg/L) | 66.6 ET              | NA       | 5.7      | 3.9      | 4.8      | 6.5      | 6        | 6        | 4        | 3.8      | 4.5      | 6.2      |

- Constituent concentration exceeds Chapter NR 140 PAL.**
- Bold** Constituent concentration exceeds Chapter NR 140 ES.
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-117 (continued) |          |          |          |          |          |          |          |          |          | AGMW-118 |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/05/02             | 05/28/02 | 09/12/02 | 12/18/02 | 03/10/03 | 09/09/03 | 03/05/04 | 09/10/04 | 03/10/05 | 06/09/06 | 07/17/00 | 09/12/00 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <2.5                 | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| 1,1-Dichloroethane         | <2.5                 | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <2.5                 | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <1.0                 | <0.80    | <0.50    | <0.40    | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <1.0                 | <0.80    | <0.50    | <0.40    | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <2.5                 | <2.0     | <1.2     | <1.0     | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.25    | <0.25    |
| Benzene                    | <1.0                 | <0.80    | 0.55     | <0.40    | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.10    | <0.10    |
| Chloroethane               | <2.5                 | <2.0     | <1.2     | <1.0     | <5.0     | <10      | <10      | <10      | <5.0     | <5.0     | <0.25    | <0.25    |
| Chloroform                 | <2.5                 | <2.0     | <1.2     | <1.0     | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.25    | <0.25    |
| Chloromethane              | <2.5                 | <2.0     | 1.8 B    | <1.0     | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | 310                  | 320      | 690      | 290      | 610      | 460      | 450      | 340      | 230      | 270      | <0.25    | 1.9      |
| Dichlorodifluoromethane    | <2.5                 | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| Ethylbenzene               | <2.5                 | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| Isopropylbenzene           | <2.5                 | <2.0     | <1.2     | <1.0     | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.25    | <0.25    |
| Methylene Chloride         | <2.5                 | 10 L     | 14 L     | <1.0     | <5.0     | <10      | <10      | <10      | <5.0     | <5.0     | <0.25    | 2.7 L    |
| Methyl-t-butyl ether       | <2.5                 | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| Naphthalene                | <2.5                 | <2.0     | <1.2     | <1.0     | <1.2     | 13       | <2.5     | <2.5     | <1.2     | <1.2     | <0.25    | <0.25    |
| n-Propylbenzene            | <2.5                 | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| sec-Butylbenzene           | <2.5                 | <2.0     | <1.2     | <1.0     | <1.2     | <2.5     | <2.5     | <2.5     | <1.2     | <1.2     | <0.25    | <0.25    |
| Tetrachloroethylene        | <2.5                 | <2.0     | <1.2     | <1.0     | <4.0     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| Toluene                    | <1.0                 | <0.80    | 0.8 B    | <0.40    | <1.2     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | 16                   | 15       | 30       | 15       | 29       | 20       | 13       | 13       | 8.5      | 11       | <0.25    | <0.25    |
| Trichloroethylene          | <2.5                 | <2.0     | <1.2     | <1.0     | <2.0     | <2.5     | <2.0     | <2.0     | <1.0     | <1.0     | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <2                   | <1.6     | <1       | <0.8     | <2.4     | <5       | <4       | <4       | <2       | <2       | <0.2     | <0.2     |
| Vinyl Chloride             | 60                   | 70       | 87       | 88       | 170      | 120      | 160      | 150      | 160      | 210      | 3.6      | <0.25    |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <2.5                 | <2.0     | <1.2     | <1.0     | <2.5     | <5.0     | <5.0     | <5.0     | <2.5     | <2.5     | <0.25    | <0.25    |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 150                  | 220      | 110      | 160      | 140      | 180      | 170      | 180      | 160      | NA       | 101.85   | 90.9     |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | <0.40    | <0.40    | <0.40    | NA       | NA       | NA       | <0.40    | <0.40    |
| Ethane (µg/L)              | 0.42                 | 0.46     | 0.31     | 0.37     | 0.79     | 0.4      | 0.18     | 0.29     | 0.7      | NA       | 0.166    | 4.496    |
| Ethylene (µg/L)            | 0.63                 | 1.2      | 1.1      | 1        | 12       | 1.2      | 3.3      | 1.2      | 2        | NA       | 2.041    | 1.427    |
| Methane (µg/L)             | 210                  | 200      | 180      | 490      | 340      | 70       | 6.6      | 150      | 140      | NA       | 370      | 0.96     |

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Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                 | AGMW-117 (continued) |          |          |          |          |          |          |          |          |          | AGMW-118 |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 03/05/02             | 05/28/02 | 09/12/02 | 12/18/02 | 03/10/03 | 09/09/03 | 03/05/04 | 09/10/04 | 03/10/05 | 06/09/06 | 07/17/00 | 09/12/00 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 14                   | 16       | 14       | 15       | 19       | 16       | 16       | NA       | NA       | NA       | 22.12    | 15.5     |
| Oxygen (mg/L)               | 4.3                  | 0.69     | 5.2      | 7        | 6.4      | 7.9      | 7.1      | NA       | NA       | NA       | 0.83     | 0.65     |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.36                 | 0.42     | 1.25     | 0.71     | 0.34     | 1.29     | 0.05     | 0.15     | 0.13     | 0.32     | 0.63     | 0.86     |
| Iron, Ferrous (mg/L)        | 0.6                  | 0.34     | 0.42     | 0.25     | 0.3      | 0.49     | 0.4      | 0.6      | NA       | NA       | 0.87     | NM       |
| Iron, Total (mg/L)          | >1                   | >1.0     | 0.85     | >1.0     | 0.8      | >1.0     | 0.7      | 0.98     | NA       | NA       | 0.9      | >1       |
| ORP (mV)                    | -32                  | -62.8    | -87.4    | -89.2    | -34.2    | 92.1     | -86.3    | -59.9    | -77      | -49.5    | -34.4    | -268.7   |
| pH                          | 6.64                 | 6.5      | 7.01     | NM       | 6.88     | 6.33     | 6.8      | 6.74     | 6.66     | 6.68     | 6.32     | 6.96     |
| Specific Conductance (µS)   | 5,539                | 6,581    | 5,538    | 5,166    | 5,969    | 8,544    | 10,648   | 8,137    | 11,724   | 8,564    | 2,289    | 3,564    |
| Temperature (°C)            | 12.12                | 11.71    | 15.59    | 14.93    | 12.5     | 14.19    | 12.61    | 14.47    | 12.15    | 11.99    | 16.19    | 14.44    |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | 480      | NA       |
| Total Organic Carbon (mg/L) | 5.5                  | 8.4      | 7.9      | 5.3      | 7.2      | 2.2      | 2.3 M    | 3.5 M    | 3.4 M    | NA       | 4        | 16       |

- Constituent concentration exceeds Chapter NR 140 PAL.
- Bold** Constituent concentration exceeds Chapter NR 140 ES.
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

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Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGMW-118 (continued) |          |          |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | Sample Date          | 11/10/00 | 01/18/01 | 03/29/01 | 09/06/01 | 12/13/01 | 03/05/02 | 05/28/02 | 09/12/02 | 12/18/02 | 03/10/03 | 09/09/03 | 03/03/04 | 09/08/04 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25                | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| 1,1-Dichloroethane         | <0.25                | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| 1,1-Dichloroethylene       | <0.25                | <0.25    | <0.73    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| 1,2,4-Trimethylbenzene     | <0.10                | <0.10    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.25    | <0.20    | <0.20    |
| 1,3,5-Trimethylbenzene     | <0.10                | <0.10    | <0.33    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.25    | <0.20    | <0.20    |
| 1,4-Dichlorobenzene        | <0.25                | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Benzene                    | <0.10                | <0.10    | <0.31    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.25    | <0.20    | <0.20    |
| Chloroethane               | <0.25                | <0.25    | <1.2     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | <1.0     |
| Chloroform                 | <0.25                | <0.25    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Chloromethane              | <0.25                | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | 0.52 B   | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| cis-1,2-Dichloroethylene   | 0.36                 | 0.95     | 0.57     | 1.1      | 0.54     | 0.27     | 0.65     | 2.5      | 0.93     | 2.7      | 2.7      | 2.7      | 2.7      | 1.1      |
| Dichlorodifluoromethane    | <0.25                | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 0.77     | <0.50    | <0.50    | <0.50    | <0.50    |
| Ethylbenzene               | <0.25                | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| Isopropylbenzene           | <0.25                | <0.25    | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Methylene Chloride         | <0.25                | <0.25    | <0.87    | <0.25    | 0.51 L   | <0.25    | 0.34 L   | <0.25    | <0.25    | <1.0 C   | <1.0     | <1.0     | <1.0     | <1.0     |
| Methyl-t-butyl ether       | <0.25                | <0.25    | <0.14    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| Naphthalene                | <0.25                | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.25                | <0.25    | <0.46    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| sec-Butylbenzene           | <0.25                | <0.25    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.25                | <0.25    | <0.63    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| Toluene                    | <0.10                | <0.10    | <0.39    | <0.10    | <0.10    | <0.10    | <0.10    | 0.32 B   | 0.11     | <0.25    | 0.32     | <0.20    | <0.20    | <0.20    |
| trans-1,2-Dichloroethylene | <0.25                | <0.25    | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| Trichloroethylene          | <0.25                | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    |
| Trimethylbenzenes (Total)  | <0.2                 | <0.2     | <0.65    | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.5     | <0.4     | <0.4     |
| Vinyl Chloride             | 1.4                  | 1.4      | <0.46    | 1.1      | 0.8      | 1.1      | 0.98     | 0.98     | 6.4      | 0.8      | 1        | 10       | 13       |          |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <0.25                | <0.25    | <1.1     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.50    |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 93.94                | 110      | 89       | 56       | 55       | 78       | 76       | 87       | 79       | 110      | 73       | 92       | 78       |          |
| Carbon Monoxide (mg/L)     | <0.40                | NA       | <0.40    | <0.40    | <0.40    | NA       |          |
| Ethane (µg/L)              | 33.109               | 34       | 17       | 0.32     | 5.1      | 4.2      | 2.5      | 1        | 0.43     | 0.18     | 0.038    | 0.28     | 1.3      |          |
| Ethylene (µg/L)            | 6.858                | 8.9      | 10       | 0.094    | 52       | 35       | 17       | 15       | 2        | 0.44     | <0.005   | 10       | 11       |          |
| Methane (µg/L)             | 1,420                | 910      | 330      | 1,200    | 140      | 220      | 210      | 120      | 12       | 9.4      | 0.63     | 55       | 70       |          |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.                 | AGMW-118 (continued) |          |          |          |          |          |          |          |          |          |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                 | 11/10/00             | 01/18/01 | 03/29/01 | 09/06/01 | 12/13/01 | 03/05/02 | 05/28/02 | 09/12/02 | 12/18/02 | 03/10/03 | 09/09/03 | 03/03/04 | 09/08/04 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 15.91                | 28       | 21       | 19       | 22       | 19       | 16       | 16       | 18       | 20       | 16       | 17       | NA       |
| Oxygen (mg/L)               | 0.64                 | 1.2      | 0.92     | 1.8      | 9.7      | 5.6      | 0.61     | 5.1      | 8.2      | 5.9      | 9        | 7.6      | NA       |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.3                  | 6.94 *   | 0.11     | 0.34     | 0.12     | 0.45     | 0.23     | 0.49     | 0.1      | 0.28     | 1.05     | 0.1      | 0.01     |
| Iron, Ferrous (mg/L)        | NM                   | 0.7      | 0.08     | 0.4      | 0.19     | 0.21     | 0.56     | >1.0     | 0.85     | 0.1      | 0.5      | 0.32     | 0.9      |
| Iron, Total (mg/L)          | 0.74                 | NM       | 0.5      | >1       | 0.58     | 0.7      | >1.0     | >1.0     | >1.0     | 0.3      | >1.0     | 0.66     | >1       |
| ORP (mV)                    | -93.5                | -127.6   | -59.1    | -55.4    | -104.1   | 56.4     | -71.1    | -96.2    | -52.3    | -81.1    | -114.4   | -53.9    | -93.2    |
| pH                          | 6.94                 | 6.78     | 6.88     | 6.6      | 6.77     | 6.86     | 6.72     | 6.93     | 6.27     | 7.14     | 6.66     | 6.73     | 7        |
| Specific Conductance (µS)   | 4,944                | 6,807    | 5,904    | 11,724   | 14,285   | 23,250   | 9,115    | 11,674   | 8,467    | 8,105    | 10,135   | 21,239   | 14,790   |
| Temperature (°C)            | 14.14                | 10.92    | 7.81     | 15.27    | 13.78    | 9.61     | 9.17     | 15.52    | 13.26    | 8.68     | 13.57    | 9.02     | 14.69    |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 2.9                  | 4        | 3.8      | 1.6      | 5.4      | 3.2      | 4.5      | 3 M      | 8.5      | 4        | 1.5      | 1.3 M    | 2.1 M    |

- Constituent concentration exceeds Chapter NR 140 PAL.
- Bold** Constituent concentration exceeds Chapter NR 140 ES.
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix Interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGMW-118 (continued) |          |          |          | AGMW-119 |          |          |          | AGMW-120 |          |          |  |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
|                            | 03/09/05             | 09/06/01 | 03/12/02 | 09/17/02 | 03/27/03 | 03/03/04 | 03/08/05 | 09/06/01 | 03/11/02 | 09/17/02 | 03/27/03 |  |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |  |
| 1,1,1-Trichloroethane      | <0.50                | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| 1,1-Dichloroethane         | <0.50                | 0.52     | 0.29     | <0.25    | <0.50    | <0.50    | <0.50    | 1        | 1.2      | 1        | <0.50    |  |
| 1,1-Dichloroethylene       | <0.50                | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| 1,2,4-Trimethylbenzene     | <0.20                | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.10    | <0.10    | <0.10    | <0.25    |  |
| 1,3,5-Trimethylbenzene     | <0.20                | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.10    | <0.10    | <0.10    | <0.25    |  |
| 1,4-Dichlorobenzene        | <0.20                | <0.25    | 0.4      | <0.25    | <0.25    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |  |
| Benzene                    | <0.20                | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.10    | <0.10    | <0.10    | <0.25    |  |
| Chloroethane               | <1.0                 | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | <0.25    | <0.25    | <0.25    | <1.0     |  |
| Chloroform                 | <0.20                | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |  |
| Chloromethane              | <0.20                | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |  |
| cis-1,2-Dichloroethylene   | 3.9                  | 4.4      | 4.7      | 2.3      | 3.6      | <0.50    | 1.7      | 0.38     | <0.25    | 1.1      | <0.50    |  |
| Dichlorodifluoromethane    | <0.50                | 0.39     | 0.65     | 1.1      | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| Ethylbenzene               | <0.50                | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| Isopropylbenzene           | <0.20                | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    |  |
| Methylene Chloride         | <1.0                 | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | 0.41 L   | <0.25    | <0.25    | <1.0     |  |
| Methyl-t-butyl ether       | <0.50                | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| Naphthalene                | <0.25                | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 0.5      | 0.53     | 0.29     | <0.25    |  |
| n-Propylbenzene            | <0.50                | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| sec-Butylbenzene           | <0.25                | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |  |
| Tetrachloroethylene        | <0.50                | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| Toluene                    | <0.20                | 0.1      | <0.10    | 0.17     | <0.25    | <0.20    | <0.20    | <0.10    | <0.10    | 0.15     | <0.25    |  |
| trans-1,2-Dichloroethylene | <0.50                | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| Trichloroethylene          | <0.20                | <0.25    | <0.25    | <0.25    | 0.84     | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | 0.59     |  |
| Trimethylbenzenes (Total)  | <0.4                 | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.4     | <0.2     | <0.2     | <0.2     | <0.5     |  |
| Vinyl Chloride             | 7                    | 0.61     | 2.6      | 0.43     | 1.2      | <0.20    | <0.20    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |  |
| Xylenes, Total             | <0.50                | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    |  |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |  |
| Carbon Dioxide (mg/L)      | 65                   | 44       | 78       | 79       | NA       | NA       | 110      | 60       | 36       | 50       | NA       |  |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |  |
| Ethane (µg/L)              | 0.49                 | 0.016    | 0.0094   | <0.005   | NA       | NA       | 0.011    | 0.034    | 0.008    | <0.005   | NA       |  |
| Ethylene (µg/L)            | 7.5                  | 0.038    | <0.005   | 0.077    | NA       | NA       | 0.062    | 0.043    | 0.047    | 0.074    | NA       |  |
| Methane (µg/L)             | 63                   | 5.4      | 22       | 1.8      | NA       | NA       | 1.3      | 160      | 100      | 1.6      | NA       |  |

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Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date  | AGMW-118 (continued) |          |          | AGMW-119 |          |          |          | AGMW-120 |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 03/09/05             | 09/06/01 | 03/12/02 | 09/17/02 | 03/27/03 | 03/03/04 | 03/08/05 | 09/06/01 | 03/11/02 | 09/17/02 | 03/27/03 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | NA                   | 20       | 16       | 17       | NA       | NA       | NA       | 21       | 22       | 18       | NA       |
| Oxygen (mg/L)               | NA                   | 0.79     | 5.4      | 7.2      | NA       | NA       | NA       | 1.4      | 5        | 7.5      | NA       |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.2                  | 0.21     | 0.9      | 0.7      | 0.06     | 0.69     | 0.44     | -0.1 *   | 0.09     | 1.79     | 0.05     |
| Iron, Ferrous (mg/L)        | NA                   | 0.2      | 0        | 0.44     | 0.2      | 0        | NA       | 0.2      | 0.2      | 0.35     | 0.2      |
| Iron, Total (mg/L)          | NA                   | 0.2      | 0        | 0.46     | 0.5      | 0        | NA       | 0.3      | 0.26     | 0.5      | 0.6      |
| ORP (mV)                    | -69.3                | -33.2    | 196.6    | -31.8    | -87.1    | 45.8     | 115.4    | -75.7    | -77.6    | -89.9    | -108.9   |
| pH                          | 6.62                 | 6.9      | 6.96     | 6.97     | 7.36     | 6.84     | 6.65     | 6.95     | 7.05     | 7.32     | 7.43     |
| Specific Conductance (µS)   | 22,820               | 1,501    | 1,778    | 1,700    | 2,475    | 1,699    | 1,392    | 1,343    | 1,542    | 1,323    | 1,222    |
| Temperature (°C)            | 8.91                 | 11.36    | 11.69    | 11.24    | 11.44    | 11.54    | 11.74    | 12.78    | 10.3     | 14.66    | 9.31     |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 1.7 M                | 5.9      | 6.9      | 11       | NA       | NA       | 5.2 M    | 5.8      | 7.2      | 7.8      | NA       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix Interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-121 |          |          |          |          | AGMW-122 |          |          |          |          | AGMW-123 |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 09/06/01 | 03/11/02 | 09/17/02 | 03/27/03 | 03/04/04 | 09/06/01 | 03/12/02 | 09/17/02 | 03/27/03 | 03/09/05 | 09/05/01 | 03/12/02 |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| 1,1-Dichloroethane         | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.25    | <0.25    |
| Benzene                    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.10    | 0.45     | 0.22     | <0.25    | 0.38     | <0.10    | 0.45     |
| Chloroethane               | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <0.25    | <0.25    |
| Chloroform                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.25    | <0.25    |
| Chloromethane              | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.25    | <0.25    | 0.26     | <0.25    | <0.20    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | 0.72     | 1.3      | 0.81     | <0.50    | <0.50    | 3.7      | 2.5      | 2.5      | 1.2      | 0.85     | 3.4      | 2.4      |
| Dichlorodifluoromethane    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| Ethylbenzene               | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| Isopropylbenzene           | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.25    | <0.25    |
| Methylene Chloride         | 1.3 L    | <0.25    | <0.25    | <1.0     | <1.0     | 1.1 L    | <0.25    | <0.25    | <1.0     | <1.0     | 0.65 L   | <0.25    |
| Methyl-t-butyl ether       | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | 0.97     | <0.25    |
| Naphthalene                | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 0.29     | <0.25    | <0.25    |
| n-Propylbenzene            | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| sec-Butylbenzene           | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| Toluene                    | 0.1      | <0.10    | 0.15     | <0.25    | <0.20    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| Trichloroethylene          | <0.25    | <0.25    | <0.25    | 0.67     | <0.20    | <0.25    | <0.25    | <0.25    | 0.73     | <0.20    | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.2     | <0.2     |
| Vinyl Chloride             | <0.25    | <0.25    | <0.25    | <0.50    | <0.20    | 1.3      | 2.9      | 0.89     | <0.50    | 0.93     | <0.25    | 3        |
| Xylene, o                  | NA       |
| Xylenes, Total             | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.25    | <0.25    |
| <b>Gases</b>               |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 69       | 74       | 65       | NA       | NA       | 55       | 57       | 50       | NA       | NA       | 53       | 21       |
| Carbon Monoxide (mg/L)     | NA       |
| Ethane (µg/L)              | 0.012    | 0.039    | 0.014    | NA       | NA       | 0.29     | 0.25     | 0.043    | NA       | NA       | 0.026    | 0.015    |
| Ethylene (µg/L)            | <0.005   | <0.005   | 0.19     | NA       | NA       | 0.14     | 0.23     | 0.034    | NA       | NA       | 0.022    | 0.014    |
| Methane (µg/L)             | 2.1      | 9.2      | 4.5      | NA       | NA       | 1,100    | 900      | 150      | NA       | NA       | 3.3      | 1.7      |

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Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date  | AGMW-121 |          |          |          |          | AGMW-122 |          |          |          |          | AGMW-123 |          |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 09/06/01 | 03/11/02 | 09/17/02 | 03/27/03 | 03/04/04 | 09/06/01 | 03/12/02 | 09/17/02 | 03/27/03 | 03/09/05 | 09/05/01 | 03/12/02 |
| <b>Gases (continued)</b>    |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 21       | 20       | 16       | NA       | NA       | 18       | 20       | 18       | NA       | NA       | 22       | 21       |
| Oxygen (mg/L)               | 1.4      | 8.2      | 6.9      | NA       | NA       | 0.99     | 6        | 6.7      | NA       | NA       | 2.5      | 9.3      |
| <b>Field Data</b>           |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.07     | -0.02 *  | 0.71     | 0.04     | 0.05     | 0.12     | 0.13     | 0.6      | 0.02     | 0.04     | 0.45     | 0.23     |
| Iron, Ferrous (mg/L)        | 0        | 0.19     | 0.44     | 0.2      | 0.9      | 0.6      | 0.26     | 0.75     | 0.2      | NA       | NM       | 0        |
| Iron, Total (mg/L)          | 0.1      | 0.56     | 0.52     | 0.95     | 0.56     | >1       | 0.3      | 0.75     | 0.6      | NA       | NM       | 0        |
| ORP (mV)                    | -47.1    | -38.4    | -225.2   | -109.3   | -66.4    | -156.1   | -81.4    | -54.7    | -64      | -172.5   | 17.2     | 55.4     |
| pH                          | 6.89     | 6.95     | 7.22     | 7.16     | 6.8      | 7.03     | 6.96     | 7.14     | 7.33     | 7        | 6.81     | 6.95     |
| Specific Conductance (µS)   | 1,829    | 1,427    | 1,344    | 1,392    | 2,303    | 1,837    | 2,766    | 1,643    | 1,856    | 1,989    | 3,879    | 4,393    |
| Temperature (°C)            | 13.34    | 11.12    | 14.36    | 10.37    | 10.9     | 13.06    | 9.86     | 14.4     | 7.56     | 9.09     | 14.07    | 10.42    |
| Alkalinity, total (CaCO3)   | NA       |
| Total Organic Carbon (mg/L) | 5.9      | 3.1      | 10       | NA       | NA       | 6.4      | 6.4      | 8        | NA       | NA       | 5.4      | 3.3      |

- Constituent concentration exceeds Chapter NR 140 PAL.
- Bold** Constituent concentration exceeds Chapter NR 140 ES.
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-123 (continued) |          | AGMW-124 |          |          |          |          |          |          |          | AGMW-124R |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|
|                            | 09/17/02             | 03/28/03 | 07/13/00 | 09/15/00 | 11/07/00 | 01/09/01 | 04/02/01 | 06/06/01 | 09/11/01 | 12/12/01 | 03/07/02  | 05/29/02 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |           |          |
| 1,1,1-Trichloroethane      | <0.25                | <0.50    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| 1,1-Dichloroethane         | 0.28                 | <0.50    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| 1,1-Dichloroethylene       | <0.25                | <0.50    | <10      | <5.0     | 5.5      | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| 1,2,4-Trimethylbenzene     | <0.10                | <0.25    | <4.0     | <2.0     | <1.0     | <4.0     | <4.0     | <1.0     | <5.0     | <4.0     | <4.0      | <10      |
| 1,3,5-Trimethylbenzene     | <0.10                | <0.25    | <4.0     | <2.0     | <1.0     | <4.0     | <4.0     | <1.0     | <5.0     | <4.0     | <4.0      | <10      |
| 1,4-Dichlorobenzene        | <0.25                | <0.25    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| Benzene                    | <0.10                | <0.25    | <4.0     | <2.0     | <1.0     | <4.0     | <4.0     | <1.0     | <5.0     | <4.0     | <4.0      | <10      |
| Chloroethane               | <0.25                | <1.0     | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| Chloroform                 | <0.25                | <0.25    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| Chloromethane              | <0.25                | <0.25    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10 C    | <10       | <25      |
| cis-1,2-Dichloroethylene   | 1.5                  | 2        | <10      | <5.0     | 1,700 J  | 1,800    | 650      | 250      | 2,100    | 9,600 J  | 5,900     | 3,400    |
| Dichlorodifluoromethane    | <0.25                | <0.50    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| Ethylbenzene               | <0.25                | <0.50    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| Isopropylbenzene           | <0.25                | <0.25    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| Methylene Chloride         | <0.25                | <1.0     | <10      | 13 L     | 9.2 L    | 34 L     | 42 L     | 15 L     | 26 L     | 19 L     | <10       | 130 L    |
| Methyl-t-butyl ether       | <0.25                | <0.50    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| Naphthalene                | <0.25                | <0.25    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | 20       | <10      | <10       | <25      |
| n-Propylbenzene            | <0.25                | <0.50    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| sec-Butylbenzene           | <0.25                | <0.25    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| Tetrachloroethylene        | <0.25                | <0.50    | 960      | 600      | 430      | 460      | 380      | 280      | 840      | 26       | 53        | 82       |
| Toluene                    | 0.1                  | <0.25    | <4.0     | <2.0     | <1.0     | <4.0     | <4.0     | <1.0     | <5.0     | <4.0     | <4.0      | <10      |
| trans-1,2-Dichloroethylene | <0.25                | <0.50    | <10      | <5.0     | 51       | 23       | <10      | <2.5     | 13       | 180      | 170       | 120      |
| Trichloroethylene          | <0.25                | 0.69     | 14       | 51       | 1,400    | 1,500    | 900      | 340      | 160      | 16       | 12        | <25      |
| Trimethylbenzenes (Total)  | <0.2                 | <0.5     | <8       | <4       | <2       | <8       | <8       | <2       | <10      | <8       | <8        | <20      |
| Vinyl Chloride             | <0.25                | <0.50    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10 C    | 190       | 410      |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA        | NA       |
| Xylenes, Total             | <0.25                | <0.50    | <10      | <5.0     | <2.5     | <10      | <10      | <2.5     | <12      | <10      | <10       | <25      |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |           |          |
| Carbon Dioxide (mg/L)      | 45                   | NA       | 194.96   | 188      | 176.7    | 160      | 160      | 170      | 210      | 51       | 120       | 130      |
| Carbon Monoxide (mg/L)     | NA                   | NA       | <0.40    | <0.40    | <40      | NA       | NA       | NA       | NA       | NA       | NA        | NA       |
| Ethane (µg/L)              | <0.012               | NA       | 0.028    | 0.042    | 0.039    | <0.005   | <0.005   | <0.005   | 0.029    | 0.16     | <0.005    | <0.005   |
| Ethylene (µg/L)            | 0.04                 | NA       | 0.025    | 0.128    | 0.1      | 0.12     | <0.005   | 0.022    | 0.65     | 0.66     | 1.7       | 78       |
| Methane (µg/L)             | 3                    | NA       | 0.867    | 2.731    | 11.2     | 790      | 13       | 1,400    | 6,600    | 13,000   | 9,800     | 13,000   |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | AGMW-123 (continued) |          | AGMW-124 |          |          |          |          |          |          |          | AGMW-124R |          |
|--|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|
|  | 09/17/02             | 03/28/03 | 07/13/00 | 09/15/00 | 11/07/00 | 01/09/01 | 04/02/01 | 06/06/01 | 09/11/01 | 12/12/01 | 03/07/02  | 05/29/02 |
| <b>Gases (continued)</b>               |                      |          |          |          |          |          |          |          |          |          |           |          |
| Nitrogen (mg/L)                        | 15                   | NA       | 18.23    | 16.99    | 13.8     | 23       | 18       | 17       | 13       | 7.8      | 9.2       | 9.8      |
| Oxygen (mg/L)                          | 7.3                  | NA       | 2.6      | 0.64     | 0.64     | 2        | 2.4      | 1.5      | 0.72     | 0.58     | 0.45      | 0.42     |
| <b>Field Data</b>                      |                      |          |          |          |          |          |          |          |          |          |           |          |
| DO (mg/L)                              | 1.52                 | 0.22     | 0.91     | 0.37     | 0.4      | 0.59     | 1.37     | 2.63 *   | 0.46     | 0.23     | 8.08 *    | 0.19     |
| Iron, Ferrous (mg/L)                   | 0                    | 0.05     | 0        | NM       | 0.32     | NM       | 0.7      | 0        | 0        | 0.8      | 0.2       | 0.65     |
| Iron, Total (mg/L)                     | 0                    | 0.1      | 0        | 0.27     | NM       | NM       | >1       | 0        | 0.1      | >1       | >1        | >1.0     |
| ORP (mV)                               | -21.4                | 63.7     | 513.2    | -18.1    | -14      | -12.8    | 3        | 93.1     | 168.4    | -201.2   | -157.2    | -157     |
| pH                                     | 7.05                 | 7.3      | 5.89     | 6.63     | 6.78     | 6.91     | 6.76     | 6.86     | 6.49     | 6.76     | 6.85      | 6.92     |
| Specific Conductance (µS)              | 3,885                | 2,821    | 3,594    | 4,289    | 4,262    | 2,987    | 3,316    | 3,625    | 3,465    | 3,142    | 3,766     | 3,461    |
| Temperature (°C)                       | 16.09                | 9.62     | 16.89    | 15.65    | 13.82    | 9.29     | 8.58     | 9.42     | 11.49    | 12.45    | 7.76      | 9.77     |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                   | NA       | 640      | NA        | NA       |
| Total Organic Carbon (mg/L)            | 7.1                  | NA       | 2.8      | 130      | 8        | 6.8      | 6.4      | 8.5      | 8.7      | 140      | 110       | 34       |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-124R (continued) |              |              |              |              |            |            |            |            |           | AGMW-125     |               |
|----------------------------|-----------------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|-----------|--------------|---------------|
|                            | 09/16/02              | 12/17/02     | 03/07/03     | 09/10/03     | 03/05/04     | 07/08/04   | 09/10/04   | 12/13/04   | 03/10/05   | 06/08/06  | 09/18/00     | 11/08/00      |
| <b>VOC (µg/L)</b>          |                       |              |              |              |              |            |            |            |            |           |              |               |
| 1,1,1-Trichloroethane      | <2.5                  | <4.0         | <25          | <12          | <16          | <1.0       | <1.0       | <2.0       | <2.0       | <0.50     | <50          | <62           |
| 1,1-Dichloroethane         | <2.5                  | <4.0         | <25          | <12          | <16          | <1.0       | <1.0       | <2.0       | <2.0       | <0.50     | <50          | <62           |
| 1,1-Dichloroethylene       | <2.5                  | <4.0         | <25          | <12          | <16          | <1.0       | <1.0       | <2.0       | <2.0       | <0.50     | <50          | <62           |
| 1,2,4-Trimethylbenzene     | <1.0                  | <1.6         | <12          | <6.2         | <6.4         | <0.40      | <0.40      | <0.80      | <0.80      | <0.20     | <20          | <25           |
| 1,3,5-Trimethylbenzene     | <1.0                  | <1.6         | <12          | <6.2         | <6.4         | <0.40      | <0.40      | <0.80      | <0.80      | <0.20     | <20          | <25           |
| 1,4-Dichlorobenzene        | <2.5                  | <4.0         | <12          | <6.2         | <6.4         | <0.40      | <0.40      | <0.80      | <0.80      | <0.20     | <50          | <62           |
| Benzene                    | <1.0                  | <1.6         | <12          | <6.2         | <6.4         | <0.40      | <0.40      | <0.80      | <0.80      | <0.20     | <20          | <25           |
| Chloroethane               | <2.5                  | <4.0         | <50          | <25          | <32          | 4.6        | 3.2        | 5.1        | 6.2        | <1.0      | <50          | <62           |
| Chloroform                 | <2.5                  | <4.0         | <12          | <6.2         | <6.4         | <0.40      | <0.40      | <0.80      | <0.80      | <0.20     | <50          | <62           |
| Chloromethane              | <2.5                  | <4.0         | <12          | <6.2         | <6.4         | <0.40      | <0.40      | <0.80      | <0.80      | <0.20     | <50          | <62           |
| cis-1,2-Dichloroethylene   | <b>910</b>            | <b>1,000</b> | <b>900</b>   | <b>260</b>   | <b>170</b>   | <b>36</b>  | <b>28</b>  | <b>34</b>  | <b>29</b>  | <b>24</b> | <b>9,700</b> | <b>19,000</b> |
| Dichlorodifluoromethane    | <2.5                  | <4.0         | <25          | <12          | <16          | <1.0       | <1.0       | <2.0       | <2.0       | <0.50     | <50          | <62           |
| Ethylbenzene               | <2.5                  | <4.0         | <25          | <12          | <16          | <1.0       | <1.0       | <2.0       | <2.0       | <0.50     | <50          | <62           |
| Isopropylbenzene           | <2.5                  | <4.0         | <12          | <6.2         | <6.4         | <0.40      | <0.40      | <0.80      | <0.80      | <0.20     | <50          | <62           |
| Methylene Chloride         | <b>6.3 L</b>          | <4.0         | <50          | <25          | <32          | <2.0       | <2.0       | <4.0       | <4.0       | <1.0      | <50          | <62           |
| Methyl-t-butyl ether       | <2.5                  | <4.0         | <25          | <12          | <16          | <1.0       | <1.0       | <2.0       | <2.0       | <0.50     | <50          | <62           |
| Naphthalene                | <2.5                  | <4.0         | <12          | <6.2         | <8.0         | 0.56       | <0.50      | <1.0       | 1.2        | <0.25     | <50          | <62           |
| n-Propylbenzene            | <2.5                  | <4.0         | <25          | <12          | <16          | <1.0       | <1.0       | <2.0       | <2.0       | <0.50     | <50          | <62           |
| sec-Butylbenzene           | <2.5                  | <4.0         | <12          | <6.2         | <8.0         | <0.50      | <0.50      | <1.0       | <1.0       | <0.25     | <50          | <62           |
| Tetrachloroethylene        | <b>96</b>             | <b>29</b>    | <25          | <b>28</b>    | <b>25</b>    | <b>52</b>  | <b>29</b>  | <b>20</b>  | <b>20</b>  | <b>45</b> | <b>990</b>   | <b>1,200</b>  |
| Toluene                    | <1.0                  | <1.6         | <12          | <6.2         | <6.4         | <0.40      | <0.40      | <0.80      | <0.80      | <0.20     | <20          | <25           |
| trans-1,2-Dichloroethylene | <b>36</b>             | <b>57</b>    | <b>43</b>    | <b>16</b>    | <16          | <b>1.4</b> | <b>1</b>   | <2.0       | <2.0       | <0.50     | <50          | <b>120</b>    |
| Trichloroethylene          | <b>20</b>             | <b>27</b>    | <b>16</b>    | <b>16</b>    | <b>7.4</b>   | <b>9.8</b> | <b>7.2</b> | <b>6.5</b> | <b>4.5</b> | <b>6</b>  | <b>180</b>   | <b>230</b>    |
| Trimethylbenzenes (Total)  | <2                    | <3.2         | <24          | <12.4        | <12.8        | <0.8       | <0.8       | <1.6       | <1.6       | <0.4      | <40          | <50           |
| Vinyl Chloride             | <b>740</b>            | <b>3,500</b> | <b>2,000</b> | <b>1,900</b> | <b>1,200</b> | <b>200</b> | <b>180</b> | <b>180</b> | <b>130</b> | <b>76</b> | <50          | <b>150</b>    |
| Xylene, o                  | NA                    | NA           | NA           | NA           | NA           | NA         | NA         | NA         | NA         | NA        | NA           | NA            |
| Xylenes, Total             | <2.5                  | <4.0         | <25          | <12          | <16          | <1.0       | <1.0       | <2.0       | <2.0       | <0.50     | <50          | <62           |
| <b>Gases</b>               |                       |              |              |              |              |            |            |            |            |           |              |               |
| Carbon Dioxide (mg/L)      | 63                    | 200          | 220          | 100          | 110          | NA         | 70         | NA         | 84         | NA        | 162.4        | 163.4         |
| Carbon Monoxide (mg/L)     | NA                    | NA           | <0.40        | <0.40        | <0.40        | NA         | NA         | NA         | NA         | NA        | <0.4         | <0.40         |
| Ethane (µg/L)              | 0.024                 | 0.23         | 0.11         | 1.1          | 1.5          | 4.4        | 5.3        | 7.7        | 11         | NA        | 0.14         | 0.215         |
| Ethylene (µg/L)            | 58                    | 170          | 140          | 210          | 550          | 170        | 140        | 180        | 210        | NA        | 1.577        | 1.922         |
| Methane (µg/L)             | 5,100                 | 5,300        | 7,600        | 3,200        | 5,000        | 4,000      | 2,800      | 3,100      | 4,700      | NA        | 63.26        | 94.29         |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date  | AGMW-124R (continued) |          |          |          |          |          |          |          |          |          | AGMW-125 |          |
|-----------------------------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 09/16/02              | 12/17/02 | 03/07/03 | 09/10/03 | 03/05/04 | 07/08/04 | 09/10/04 | 12/13/04 | 03/10/05 | 06/08/06 | 09/18/00 | 11/08/00 |
| <b>Gases (continued)</b>    |                       |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 17                    | 13       | 14       | 15       | 17       | NA       | NA       | NA       | NA       | NA       | 16.18    | 15.87    |
| Oxygen (mg/L)               | 0.64                  | 4.5      | 4.4      | 6.8      | 7.8      | NA       | NA       | NA       | NA       | NA       | 0.76     | 0.89     |
| <b>Field Data</b>           |                       |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 3.39 *                | 3.71 *   | 0.27     | 1.13     | 0.38     | 1.36     | 0.51     | 0.56     | 0.3      | 1.46     | 0.14     | 0.07     |
| Iron, Ferrous (mg/L)        | >1.0                  | 0.45     | 0.5      | 0.36     | 0.24     | 0.3      | 0.84     | NM       | NA       | NA       | NM       | NM       |
| Iron, Total (mg/L)          | >1.0                  | 0.9      | >1.0     | >1.0     | 0.6      | 0.8      | 0.96     | NM       | NA       | NA       | >1       | 0.86     |
| ORP (mV)                    | -88.9                 | -101.4   | -67.1    | -113.6   | -72.3    | -59.7    | -95.3    | -98.7    | -103     | -50.1    | -65.9    | -125     |
| pH                          | 7.02                  | 4.98     | 6.93     | 6.63     | 7        | 6.8      | 7.06     | 7.06     | 6.84     | 6.76     | 6.6      | 6.85     |
| Specific Conductance (µS)   | 3,292                 | 3,760    | 3,769    | 5,209    | 5,548    | 3,658    | 3,786    | 3,001    | 3,103    | 3,294    | 1,683    | 1,932    |
| Temperature (°C)            | 12.79                 | 8.26     | 10.57    | 18.63    | 9.39     | 14.72    | 24.06    | 9.57     | 11.53    | 11.35    | 15.7     | 14.97    |
| Alkalinity, total (CaCO3)   | NA                    | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 19                    | 27       | 20       | 19       | 3.4 M    | 3.5 M    | 5.3 M    | 6.4      | 5.2 M    | NA       | 9.9      | 5.1      |

- Constituent concentration exceeds Chapter NR 140 PAL.
- Bold** Constituent concentration exceeds Chapter NR 140 ES.
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | AGMW-125 (continued) |          |          |          |          |          |          | AGMW-125R |          |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                            | 01/08/01             | 04/03/01 | 06/06/01 | 07/26/01 | 08/07/01 | 08/24/01 | 09/10/01 | 12/12/01  | 03/07/02 | 05/30/02 | 09/16/02 | 12/19/02 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |           |          |          |          |          |
| 1,1,1-Trichloroethane      | <100                 | <62      | <10      | <14      | <14      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| 1,1-Dichloroethane         | <100                 | <62      | <10      | <12      | <12      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| 1,1-Dichloroethylene       | <100                 | <62      | <10      | <36      | <36      | <10      | <10      | 1.6       | <40      | <25      | <50      | <62      |
| 1,2,4-Trimethylbenzene     | <40                  | <25      | <4.0     | <16      | <16      | 13       | <4.0     | <0.10     | <16      | <10      | <20      | <25      |
| 1,3,5-Trimethylbenzene     | <40                  | <25      | <4.0     | <16      | <16      | <4.0     | <4.0     | <0.10     | <16      | <10      | <20      | <25      |
| 1,4-Dichlorobenzene        | <100                 | <62      | <10      | <18      | <18      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| Benzene                    | <40                  | <25      | <4.0     | <16      | <16      | 4        | <4.0     | <0.10     | <16      | <10      | <20      | <25      |
| Chloroethane               | <100                 | <62      | <10      | <60      | <60      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| Chloroform                 | <100                 | <62      | <10      | <9.0     | <9.0     | <10      | <10      | 0.26      | <40      | <25      | <50      | <62      |
| Chloromethane              | <100                 | <62      | <10      | <19      | <19      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| cis-1,2-Dichloroethylene   | 11,000               | 4,800    | 1,800    | 2,900    | 3,300    | 3,600    | 3,600    | 2,000     | 6,700    | 2,800    | 20,000   | <62      |
| Dichlorodifluoromethane    | <100                 | <62      | <10      | <24      | <24      | <10      | <10 C    | <0.25     | <40      | <25      | <50      | <62      |
| Ethylbenzene               | <100                 | <62      | <10      | <19      | <19      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| Isopropylbenzene           | <100                 | <62      | <10      | <18      | <18      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| Methylene Chloride         | 2,600                | 260 L    | 54 L     | <44      | <44      | 23 L     | 17 L     | 2 L       | <40      | 140 L    | 120 L    | <62      |
| Methyl-t-butyl ether       | <100                 | <62      | <10      | <7.0     | <7.0     | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| Naphthalene                | <100                 | <62      | <10      | <18      | <18      | 21       | <10      | <0.25     | <40      | <25      | <50      | <62      |
| n-Propylbenzene            | <100                 | <62      | <10      | <23      | <23      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| sec-Butylbenzene           | <100                 | <62      | <10      | <22      | <22      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| Tetrachloroethylene        | 800                  | 1,100    | 1,300    | 1,200    | 1,000    | 1,200    | 1,100    | 790       | 1,200    | 580      | <50      | 95       |
| Toluene                    | <40                  | <25      | <4.0     | <20      | <20      | <4.0     | <4.0     | <0.10     | <16      | <10      | <20      | <25      |
| trans-1,2-Dichloroethylene | <100                 | <62      | 12       | 30       | 31       | 43       | 37       | 31        | 80       | 43       | 110      | <62      |
| Trichloroethylene          | 110                  | 130      | 110      | 200      | 240      | 300      | 260      | 150       | 280      | 100      | <50      | <62      |
| Trimethylbenzenes (Total)  | <80                  | <50      | <8       | <32      | <32      | 13       | <8       | <0.2      | <32      | <20      | <40      | <50      |
| Vinyl Chloride             | <100                 | 88       | 42       | 110      | 78       | 61       | 34       | 8.2       | 83       | <25      | 1,800    | <62      |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA        | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <100                 | <62      | <10      | <55      | <55      | <10      | <10      | <0.25     | <40      | <25      | <50      | <62      |
| <b>Gases</b>               |                      |          |          |          |          |          |          |           |          |          |          |          |
| Carbon Dioxide (mg/L)      | 140                  | 100      | 84       | 100      | NA       | 84       | 110      | 52        | 62       | 33       | 140      | 17       |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | NA       | <0.40    | NA       | NA        | NA       | NA       | NA       | NA       |
| Ethane (µg/L)              | 0.17                 | 0.046    | 0.023    | 0.22     | 0.35     | 0.13     | 0.09     | 2.3       | 0.12     | 0.034    | 1.8      | 0.039    |
| Ethylene (µg/L)            | 0.56                 | 0.29     | 0.12     | 0.48     | 0.67     | 0.3      | 0.34     | 17        | 1.1      | 0.15     | 580      | 0.26     |
| Methane (µg/L)             | 34                   | 260      | 30       | 100      | 110      | 89       | 62       | 140       | 26       | 7.7      | 200      | 24       |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date  | AGMW-125 (continued) |          |          |          |          |          |          | AGMW-125R |          |          |          |          |
|-----------------------------|----------------------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                             | 01/08/01             | 04/03/01 | 06/06/01 | 07/26/01 | 08/07/01 | 08/24/01 | 09/10/01 | 12/12/01  | 03/07/02 | 05/30/02 | 09/16/02 | 12/19/02 |
| <b>Gases (continued)</b>    |                      |          |          |          |          |          |          |           |          |          |          |          |
| Nitrogen (mg/L)             | 25                   | 21       | 20       | 20       | NA       | 16       | 18       | 19        | 15       | 17       | 16       | 21       |
| Oxygen (mg/L)               | 1.5                  | 3.6      | 5.4      | 1.8      | NA       | 2.6      | 2.4      | 2.8       | 4.7      | 3.1      | 0.9      | 2.8      |
| <b>Field Data</b>           |                      |          |          |          |          |          |          |           |          |          |          |          |
| DO (mg/L)                   | 0.67                 | 1.8      | 1.25     | 0.23     | 0.31     | 0.29     | 0.42     | 4.73 *    | NM       | 1.2      | 0.02     | 0.11     |
| Iron, Ferrous (mg/L)        | >0.7                 | 0.6      | 0.06     | NM       | 0        | 0        | 0.15     | 0         | 0.08     | 0        | 0.45     | 0        |
| Iron, Total (mg/L)          | NM                   | >1       | 0.2      | 0.2      | 0.08     | 0        | 0.2      | 0         | 0.09     | 0        | >1.0     | 0        |
| ORP (mV)                    | -38                  | 15.9     | -8       | 1.3      | 78.8     | 48.4     | 75.3     | -9.7      | 184      | -62.1    | -242     | 86.8     |
| pH                          | 6.76                 | 6.78     | 6.88     | 6.8      | 6.75     | 6.67     | 6.6      | 7         | 6.88     | 6.85     | 6.67     | 7.65     |
| Specific Conductance (µS)   | 2,642                | 1,871    | 1,952    | 1,633    | 1,731    | 1,905    | 2,340    | 2,998     | 2,685    | 2,409    | 3,757    | 623      |
| Temperature (°C)            | 10.66                | 7.2      | 8.81     | 11.44    | 12.07    | 12.6     | 13.46    | 12.94     | 10.25    | 9.79     | 14.2     | 12.29    |
| Alkalinity, total (CaCO3)   | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA        | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 5.2                  | 3.7      | 3.1      | 3.1      | 3.4      | 3.4      | 4.9      | 6.9       | 4.3      | 6.1      | 370      | 9.4      |

- Constituent concentration exceeds Chapter NR 140 PAL.**
- Bold** Constituent concentration exceeds Chapter NR 140 ES.
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix Interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-125R |          |          |          |          |          | AGMW-126 |          |          |          |          |          |
|----------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/10/03  | 09/10/03 | 03/03/04 | 09/09/04 | 03/09/05 | 06/08/06 | 09/18/00 | 11/07/00 | 01/05/01 | 04/02/01 | 09/11/01 | 12/12/01 |
| <b>VOC (µg/L)</b>          |           |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <1.0      | <0.50    | <0.50    | <0.50    | <0.50    | <1.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| 1,1-Dichloroethane         | <1.0      | <0.50    | <0.50    | <0.50    | <0.50    | <1.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| 1,1-Dichloroethylene       | <1.0      | <0.50    | <0.50    | <0.50    | <0.50    | <1.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| 1,2,4-Trimethylbenzene     | <0.50     | <0.25    | <0.20    | <0.20    | <0.20    | <0.40    | <0.20    | <1.0     | <1.0     | <1.0     | <1.0     | <0.50    |
| 1,3,5-Trimethylbenzene     | <0.50     | <0.25    | <0.20    | <0.20    | <0.20    | <0.40    | <0.20    | <1.0     | <1.0     | <1.0     | <1.0     | <0.50    |
| 1,4-Dichlorobenzene        | <0.50     | <0.25    | <0.20    | <0.20    | <0.20    | <0.40    | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| Benzene                    | <0.50     | <0.25    | <0.20    | <0.20    | <0.20    | <0.40    | <0.20    | <1.0     | <1.0     | <1.0     | <1.0     | <0.50    |
| Chloroethane               | <2.0      | <1.0     | <1.0     | 1.4      | 4.2      | <2.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| Chloroform                 | <0.50     | <0.25    | <0.20    | <0.20    | <0.20    | <0.40    | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| Chloromethane              | <0.50     | <0.25    | <0.20    | <0.20    | <0.20    | <0.40    | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2 C   |
| cis-1,2-Dichloroethylene   | 45        | 11       | 9        | 56       | 45       | 26       | 51       | 660 J    | 800      | 200      | 58       | 51       |
| Dichlorodifluoromethane    | <1.0      | <0.50    | <0.50    | <0.50    | <0.50    | <1.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| Ethylbenzene               | <1.0      | <0.50    | <0.50    | <0.50    | <0.50    | <1.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| Isopropylbenzene           | <0.50     | <0.25    | <0.20    | <0.20    | <0.20    | <0.40    | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| Methylene Chloride         | <2.0      | <1.0     | <1.0     | <1.0     | <1.0     | <2.0     | 0.8 L    | 9.2 L    | 11 L     | <2.5     | 4.9 L    | 5.2 L    |
| Methyl-t-butyl ether       | <1.0      | <0.50    | <0.50    | <0.50    | <0.50    | <1.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| Naphthalene                | <0.50     | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| n-Propylbenzene            | <1.0      | <0.50    | <0.50    | <0.50    | <0.50    | <1.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| sec-Butylbenzene           | <0.50     | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| Tetrachloroethylene        | <1.0      | <0.50    | 0.53     | 2.7      | 4.9      | 14       | 57       | 40       | 7.6      | 22       | 18       | 17       |
| Toluene                    | <0.50     | <0.25    | <0.20    | <0.20    | <0.20    | <0.40    | <0.20    | <1.0     | <1.0     | <1.0     | <1.0     | <0.50    |
| trans-1,2-Dichloroethylene | 10        | 0.78     | <0.50    | 0.97     | <0.50    | <1.0     | <0.50    | 6.7      | 7.3      | 3.1      | <2.5     | <1.2     |
| Trichloroethylene          | <0.50     | 0.9      | 1.3      | 3.5      | 2.8      | 3.2      | 30       | 21       | <2.5     | 5.2      | 7.8      | 5.4      |
| Trimethylbenzenes (Total)  | <1        | <0.5     | <0.4     | <0.4     | <0.4     | <0.8     | <0.4     | <2       | <2       | <2       | <2       | <1       |
| Vinyl Chloride             | 150       | 8.5      | 12       | 70       | 99       | 83       | 1.1      | <2.5     | <2.5     | 390      | 300      | 240 C    |
| Xylene, o                  | NA        | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <1.0      | <0.50    | <0.50    | <0.50    | <0.50    | <1.0     | <0.50    | <2.5     | <2.5     | <2.5     | <2.5     | <1.2     |
| <b>Gases</b>               |           |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 370       | 140      | 130      | 150      | 100      | NA       | 160.1    | 177      | 210      | 140      | 120      | 140      |
| Carbon Monoxide (mg/L)     | <0.40     | <0.40    | <0.40    | NA       | NA       | NA       | <0.4     | <0.4     | NA       | NA       | NA       | NA       |
| Ethane (µg/L)              | 3.7       | 2.2      | 1.1      | 1.1      | 5.2      | NA       | 0.095    | 0.108    | <0.005   | <0.005   | 0.07     | 0.08     |
| Ethylene (µg/L)            | 5,800     | 4,400    | 3,100    | 1,900    | 1,700    | NA       | 0.34     | 0.22     | 0.17     | 15       | 13       | 31       |
| Methane (µg/L)             | 2,700     | 3,300    | 4,900    | 2,500    | 4,000    | NA       | 39.57    | 170      | 17,000   | 18,000   | 6,800    | 6,200    |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | AGMW-125R |          |          |          |          |          | AGMW-126 |          |          |          |          |          |
|--|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 03/10/03  | 09/10/03 | 03/03/04 | 09/09/04 | 03/09/05 | 06/08/06 | 09/18/00 | 11/07/00 | 01/05/01 | 04/02/01 | 09/11/01 | 12/12/01 |
| <b>Gases (continued)</b>               |           |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | 14        | 17       | 13       | NA       | NA       | NA       | 15.48    | 13.84    | 6.2      | 9.7      | 9        | 16       |
| Oxygen (mg/L)                          | 0.56      | 0.84     | 1.8      | NA       | NA       | NA       | 0.73     | 0.63     | 0.75     | 0.91     | 0.68     | 1.1      |
| <b>Field Data</b>                      |           |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.43      | 0.42     | 0.46     | 0.03     | 0.13     | 0.4      | 0.29     | 2        | 0.33     | 0.1      | 0.42     | 0.32     |
| Iron, Ferrous (mg/L)                   | 0.6       | 0.56     | 0.4      | 0.92     | NA       | NA       | NM       | 0.2      | 0.6      | 0.12     | >1       | 0.23     |
| Iron, Total (mg/L)                     | 0.84      | >1.0     | 0        | >1       | NA       | NA       | >1       | NM       | >1       | >1       | >1       | 0.9      |
| ORP (mV)                               | -49       | -141.2   | -92.3    | -134.2   | -103.5   | -25.2    | -154.8   | -182.7   | -107     | -88.3    | -59.6    | -69.4    |
| pH                                     | 6.51      | 6.5      | 6.85     | 6.89     | 6.83     | 6.69     | 5.82     | 6.34     | 6.7      | 6.62     | 6.54     | 6.75     |
| Specific Conductance (µS)              | 3,311     | 3,130    | 2,347    | 2,378    | 2,635    | 2,467    | 5,567    | 4,917    | 1,886    | 3,344    | 2,176    | 1,597    |
| Temperature (°C)                       | 10.78     | 13.75    | 7.56     | 14.64    | 11.3     | 11.65    | 13.4     | 13.92    | 8.82     | 8.89     | 14.06    | 12.31    |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA        | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L)            | 590       | 150      | 16 M     | 1.1 M    | 5.8 M    | NA       | 36       | 49       | 76       | 18       | 9.5      | 8.9      |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix Interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix Interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | AGMW-126 (continued) |          | AGMW-127 |          |          |          |          |          | JMW-1    |          |          |          |
|----------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/06/02             | 05/28/02 | 06/26/02 | 09/12/02 | 12/18/02 | 09/11/03 | 09/08/04 | 03/09/05 | 12/03/99 | 07/17/00 | 09/15/00 | 11/09/00 |
| <b>VOC (µg/L)</b>          |                      |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.45    | <5.0     | <0.25    | <2.5     |
| 1,1-Dichloroethane         | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.34    | <5.0     | <0.25    | <2.5     |
| 1,1-Dichloroethylene       | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | 0.83 J   | <5.0     | 0.5      | <2.5     |
| 1,2,4-Trimethylbenzene     | <0.50                | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.35    | <2.0     | <0.10    | 4.2      |
| 1,3,5-Trimethylbenzene     | <0.50                | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.64    | <2.0     | <0.10    | <1.0     |
| 1,4-Dichlorobenzene        | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.28    | <5.0     | <0.25    | <2.5     |
| Benzene                    | <0.50                | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    | <0.20    | <0.32    | <2.0     | <0.10    | <1.0     |
| Chloroethane               | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | <0.13    | <5.0     | <0.25    | <2.5     |
| Chloroform                 | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.4     | <5.0     | <0.25    | <2.5     |
| Chloromethane              | <1.2                 | <0.25    | <0.25    | 0.6 B    | <0.25    | <0.25    | <0.20    | <0.20    | <0.18    | <5.0     | <0.25    | <2.5     |
| cis-1,2-Dichloroethylene   | 23                   | 22       | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | 750      | 580      | 480      | 830      |
| Dichlorodifluoromethane    | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.28    | <5.0     | <0.25    | <2.5     |
| Ethylbenzene               | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.34    | <5.0     | <0.25    | <2.5     |
| Isopropylbenzene           | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | <0.34    | <5.0     | <0.25    | <2.5     |
| Methylene Chloride         | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     | <1.0     | <2       | <5.0     | 2.2 L    | 9.5 L    |
| Methyl-t-butyl ether       | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.31    | <5.0     | <0.25    | <2.5     |
| Naphthalene                | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.88    | <5.0     | <0.25    | 2.9      |
| n-Propylbenzene            | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | <0.3     | <5.0     | <0.25    | <2.5     |
| sec-Butylbenzene           | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | <5.0     | <0.25    | <2.5     |
| Tetrachloroethylene        | 14                   | 19       | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | 360      | 370      | 310      | 410      |
| Toluene                    | <0.50                | <0.10    | 0.16     | 0.2 B    | <0.10    | <0.25    | <0.20    | <0.20    | <0.35    | <2.0     | 0.12     | <1.0     |
| trans-1,2-Dichloroethylene | <1.2                 | 0.65     | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | 12       | <5.0     | 8        | 20       |
| Trichloroethylene          | 2.9                  | 3.9      | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | 120      | 140      | 140      | 200      |
| Trimethylbenzenes (Total)  | <1                   | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     | <0.4     | <0.99    | <4       | <0.2     | 4.2      |
| Vinyl Chloride             | 280                  | 100      | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    | <0.20    | 20       | <5.0     | 5.8      | 30       |
| Xylene, o                  | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | <0.32    | NA       | NA       | NA       |
| Xylenes, Total             | <1.2                 | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    | <0.50    | NA       | <5.0     | <0.25    | <2.5     |
| <b>Gases</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 150                  | 120      | NA       | 92       | 120      | NA       | NA       | NA       | NA       | 59.48    | 50.3     | 67.04    |
| Carbon Monoxide (mg/L)     | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | <0.40    | <0.40    | <0.40    |
| Ethane (µg/L)              | 0.017                | 0.015    | NA       | <0.005   | 0.015    | NA       | NA       | NA       | <0.5     | 0.097    | 0.104    | 0.149    |
| Ethylene (µg/L)            | 29                   | 9.2      | NA       | 0.008    | 0.27     | NA       | NA       | NA       | 5        | 0.412    | 0.388    | 0.814    |
| Methane (µg/L)             | 6,400                | 3,300    | NA       | 0.18     | 4        | NA       | NA       | NA       | <0.5     | 14.78    | 19.27    | 19.57    |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | AGMW-126 (continued) |          | AGMW-127 |          |          |          |          |          | JMW-1    |          |          |          |
|--|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 03/06/02             | 05/28/02 | 06/26/02 | 09/12/02 | 12/18/02 | 09/11/03 | 09/08/04 | 03/09/05 | 12/03/99 | 07/17/00 | 09/15/00 | 11/09/00 |
| <b>Gases (continued)</b>               |                      |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | 14                   | 12       | NA       | 16       | 16       | NA       | NA       | NA       | NA       | 19.29    | 15.95    | 19.01    |
| Oxygen (mg/L)                          | 5.6                  | 0.58     | NA       | 6.9      | 8.6      | NA       | NA       | NA       | NA       | 1.43     | 2.16     | 2.13     |
| <b>Field Data</b>                      |                      |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.72                 | 1.06     | NA       | 2.6      | 3.66     | NA       | NA       | NA       | 0.26     | 0.28     | 0.59     | 0.24     |
| Iron, Ferrous (mg/L)                   | 0.45                 | 0.24     | NA       | 0.02     | 0        | NA       | NA       | NA       | NM       | 0.85     | NM       | NM       |
| Iron, Total (mg/L)                     | >1                   | >1.0     | NA       | 0.1      | 0        | NA       | NA       | NA       | NM       | 0.88     | 0.45     | 0.18     |
| ORP (mV)                               | -42.2                | -63.1    | NA       | -3.8     | 93.6     | NA       | NA       | NA       | -33      | -21.5    | 20.5     | -59.7    |
| pH                                     | 6.73                 | 6.7      | NA       | 6.89     | 5.3      | NA       | NA       | NA       | 7.05     | 6.73     | 7.14     | 7.15     |
| Specific Conductance (µS)              | 1,677                | 1,549    | NA       | 5,909    | 7,663    | NA       | NA       | NA       | 4,981    | 1,068    | 9,259    | 8,486    |
| Temperature (°C)                       | 5.89                 | 12.5     | NA       | 18.63    | 11.37    | NA       | NA       | NA       | 14.82    | 17.33    | 14.67    | 15.06    |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                   | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | 420      | NA       | NA       |
| Total Organic Carbon (mg/L)            | 7.1                  | 6.8      | NA       | 6.4      | NA       | NA       | NA       | NA       | 5.7      | <5.0 M   | 6.1      | 2.2      |

Constituent concentration exceeds Chapter NR 140 PAL.

**Bold** Constituent concentration exceeds Chapter NR 140 ES.

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | JMW-1 (continued) |            |              |              |              |              |              |              |              |              |              |              |              |
|----------------------------|-------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                            | 01/08/01          | 04/02/01   | 09/07/01     | 12/13/01     | 03/06/02     | 05/29/02     | 09/13/02     | 12/18/02     | 03/10/03     | 09/11/03     | 03/05/04     | 07/08/04     | 09/10/04     |
| <b>VOC (µg/L)</b>          |                   |            |              |              |              |              |              |              |              |              |              |              |              |
| 1,1,1-Trichloroethane      | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <50          | <50          | <16          | <16          | <10          |
| 1,1-Dichloroethane         | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <50          | <50          | <16          | <16          | <10          |
| 1,1-Dichloroethylene       | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <50          | <50          | <16          | <16          | <10          |
| 1,2,4-Trimethylbenzene     | <1.0              | <1.0       | <2.5         | <4.0         | <4.0         | <10          | <4.0         | <20          | <25          | <25          | <6.4         | <6.4         | <4.0         |
| 1,3,5-Trimethylbenzene     | <1.0              | <1.0       | <2.5         | <4.0         | <4.0         | <10          | <4.0         | <20          | <25          | <25          | <6.4         | <6.4         | <4.0         |
| 1,4-Dichlorobenzene        | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <25          | <25          | <6.4         | <6.4         | <4.0         |
| Benzene                    | <1.0              | <1.0       | <2.5         | <4.0         | <4.0         | <10          | <4.0         | <20          | <25          | <25          | <6.4         | <6.4         | <4.0         |
| Chloroethane               | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <100         | <100         | <32          | <32          | <20          |
| Chloroform                 | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <25          | <25          | <6.4         | <6.4         | <4.0         |
| Chloromethane              | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <25          | <25          | <6.4         | <6.4         | <4.0         |
| cis-1,2-Dichloroethylene   | <b>680</b>        | <b>340</b> | <b>2,000</b> | <b>1,700</b> | <b>4,000</b> | <b>1,900</b> | <b>8,400</b> | <b>9,600</b> | <b>5,200</b> | <b>4,100</b> | <b>1,700</b> | <b>1,400</b> | <b>2,300</b> |
| Dichlorodifluoromethane    | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <50          | <50          | <16          | <16          | <10          |
| Ethylbenzene               | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <50          | <50          | <16          | <16          | <10          |
| Isopropylbenzene           | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <25          | <25          | <6.4         | <6.4         | <4.0         |
| Methylene Chloride         | <b>21 L</b>       | <2.5       | <b>12 L</b>  | <b>23 L</b>  | <10          | <b>130 L</b> | <b>60 L</b>  | <50          | <100         | <100         | <32          | <32          | <20          |
| Methyl-t-butyl ether       | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <50          | <50          | <16          | <16          | <10          |
| Naphthalene                | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <25          | <25          | <8.0         | <8.0         | <5.0         |
| n-Propylbenzene            | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <50          | <50          | <16          | <16          | <10          |
| sec-Butylbenzene           | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <25          | <25          | <8.0         | <8.0         | <5.0         |
| Tetrachloroethylene        | <b>310</b>        | <b>280</b> | <b>320</b>   | <b>420</b>   | <b>480</b>   | <b>430</b>   | <b>620</b>   | <b>520</b>   | <b>480</b>   | <b>280</b>   | <b>200</b>   | <b>290</b>   | <b>120</b>   |
| Toluene                    | <1.0              | <1.0       | <2.5         | <4.0         | <4.0         | <10          | <4.0         | <20          | <25          | <25          | <6.4         | <6.4         | <4.0         |
| trans-1,2-Dichloroethylene | 6.2               | 2.6        | 20           | 18           | 25           | <25          | 34           | <50          | <50          | 57           | <16          | 17           | 35           |
| Trichloroethylene          | <b>160</b>        | <b>160</b> | <b>400</b>   | <b>710</b>   | <b>830</b>   | <b>1,000</b> | <b>1,800</b> | <b>1,600</b> | <b>1,300</b> | <b>840</b>   | <b>530</b>   | <b>760</b>   | <b>490</b>   |
| Trimethylbenzenes (Total)  | <2                | <2         | <5           | <8           | <8           | <20          | <8           | <40          | <50          | <50          | <12.8        | <12.8        | <8           |
| Vinyl Chloride             | <2.5              | <b>7</b>   | <b>27</b>    | <b>28</b>    | <b>30</b>    | <25          | <b>140</b>   | <b>1100</b>  | <b>98</b>    | <b>78</b>    | <b>74</b>    | <b>200</b>   | <b>140</b>   |
| Xylene, o                  | NA                | NA         | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           | NA           |
| Xylenes, Total             | <2.5              | <2.5       | <6.2         | <10          | <10          | <25          | <10          | <50          | <50          | <50          | <16          | <16          | <10          |
| <b>Gases</b>               |                   |            |              |              |              |              |              |              |              |              |              |              |              |
| Carbon Dioxide (mg/L)      | 72                | 26         | 110          | 68           | 110          | 91           | 110          | 130          | 110          | 59           | 36           | NA           | 46           |
| Carbon Monoxide (mg/L)     | NA                | NA         | NA           | NA           | NA           | NA           | NA           | NA           | <0.40        | <0.40        | <0.40        | NA           | NA           |
| Ethane (µg/L)              | 0.23              | 0.1        | 0.45         | 0.23         | 0.15         | 0.14         | 0.13         | 0.15         | 0.11         | 0.11         | 0.32         | 0.062        | 0.11         |
| Ethylene (µg/L)            | 0.72              | 0.32       | 0.93         | 0.74         | 0.41         | 0.89         | 4.9          | 15           | 5.6          | 0.94         | 1.1          | 0.52         | 1.7          |
| Methane (µg/L)             | 23                | 13         | 440          | 190          | 110          | 46           | 62           | 95           | 39           | 16           | 9.9          | 30           | 35           |

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# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date  | JMW-1 (continued) |          |          |          |          |          |          |          |          |          |          |          |          |
|-----------------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 01/08/01          | 04/02/01 | 09/07/01 | 12/13/01 | 03/06/02 | 05/29/02 | 09/13/02 | 12/18/02 | 03/10/03 | 09/11/03 | 03/05/04 | 07/08/04 | 09/10/04 |
| <b>Gases (continued)</b>    |                   |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 25                | 22       | 17       | 17       | 16       | 17       | 14       | 16       | 20       | 17       | 21       | NA       | NA       |
| Oxygen (mg/L)               | 2.5               | 2.2      | 2        | 8.6      | 5.8      | 2.2      | 5.1      | 8.3      | 6.9      | 9.6      | 10       | NA       | NA       |
| <b>Field Data</b>           |                   |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 0.24              | 0.25     | 0.06     | 0.21     | 0.49     | 0.49     | 1.47     | 0.19     | 0.16     | 0.51     | -0.82 *  | 0.17     | 0.16     |
| Iron, Ferrous (mg/L)        | 0.18              | 0.1      | >1       | 0.1      | 0.19     | 0.24     | 0.2      | 0.32     | 0.1      | 0.4      | 0        | 0.08     | 0.22     |
| Iron, Total (mg/L)          | NM                | 0.1      | >1       | 0.35     | 0.27     | 0.3      | 0.28     | 0.36     | 0.2      | 0.5      | 0.1      | 0.1      | 0.34     |
| ORP (mV)                    | 11.2              | 40.7     | -148.7   | -58.5    | 149.5    | -141.9   | -55.8    | -17      | -29.3    | -59      | -314.8   | -65.9    | -73.9    |
| pH                          | 7.05              | 7.11     | 6.92     | 6.87     | 6.85     | 6.78     | 7.18     | 6.82     | 7.19     | 6.68     | 6.84     | 7.01     | 7.07     |
| Specific Conductance (µS)   | 7,462             | 6,652    | 10,264   | 6,860    | 15,076   | 6,554    | 7,802    | 6,351    | 5,698    | 11,809   | 5,905    | 5,264    | 7,866    |
| Temperature (°C)            | 12.88             | 10.1     | 13.87    | 14.54    | 11       | 10.76    | 14.55    | 14.03    | 10.92    | 13.54    | 9.46     | 12.18    | 14.4     |
| Alkalinity, total (CaCO3)   | NA                | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | 4.1               | 3.6      | 4.2      | 7.2      | 3.8      | 6.2      | 5.6 M    | 6.9      | 7.1      | 1.3      | 2.2 M    | 2.4 M    | 3.2 M    |

- Constituent concentration exceeds Chapter NR 140 PAL.
- Bold** Constituent concentration exceeds Chapter NR 140 ES.
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | JMW-1 (continued) |              |              |              |              | JMW-2      |            |            |            |            |            |            |
|----------------------------|-------------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|
|                            | 12/14/04          | 03/10/05     | 11/04/05     | 03/09/06     | 06/09/06     | 10/18/02   | 12/18/02   | 03/10/03   | 09/11/03   | 03/05/04   | 09/10/04   | 03/10/05   |
| <b>VOC (µg/L)</b>          |                   |              |              |              |              |            |            |            |            |            |            |            |
| 1,1,1-Trichloroethane      | <12               | <10          | <12          | <12          | <12          | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       |
| 1,1-Dichloroethane         | <12               | <10          | <12          | <12          | <12          | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       |
| 1,1-Dichloroethylene       | <12               | <10          | <12          | <12          | <12          | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       |
| 1,2,4-Trimethylbenzene     | <5.0              | <4.0         | <5.0         | <5.0         | <5.0         | <0.10      | <0.80      | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      |
| 1,3,5-Trimethylbenzene     | <5.0              | <4.0         | <5.0         | <5.0         | <5.0         | <0.10      | <0.80      | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      |
| 1,4-Dichlorobenzene        | <5.0              | <4.0         | <5.0         | <5.0         | <5.0         | <0.25      | <2.0       | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      |
| Benzene                    | <5.0              | <4.0         | <5.0         | <5.0         | <5.0         | <0.10      | <0.80      | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      |
| Chloroethane               | <25               | <20          | <25          | <25          | <25          | <0.25      | <2.0       | <8.0       | <10        | <4.0       | <5.0       | <2.0       |
| Chloroform                 | <5.0              | <4.0         | <5.0         | <5.0         | <5.0         | <0.25      | <2.0       | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      |
| Chloromethane              | <5.0              | <4.0         | <5.0         | <5.0         | <5.0         | <0.25      | <2.0       | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      |
| cis-1,2-Dichloroethylene   | <b>1,200</b>      | <b>1,200</b> | <b>1,600</b> | <b>3,000</b> | <b>3,200</b> | <b>400</b> | <b>380</b> | <b>390</b> | <b>660</b> | <b>230</b> | <b>120</b> | <b>64</b>  |
| Dichlorodifluoromethane    | <12               | <10          | <12          | <12          | <12          | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       |
| Ethylbenzene               | <12               | <10          | <12          | <12          | <12          | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       |
| Isopropylbenzene           | <5.0              | <4.0         | <5.0         | <5.0         | <5.0         | <0.25      | <2.0       | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      |
| Methylene Chloride         | <25               | <20          | <25          | <25          | <25          | <0.25      | <2.0       | <8.0       | <10        | <4.0       | <5.0       | <2.0       |
| Methyl-t-butyl ether       | <12               | <10          | <12          | <12          | <12          | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       |
| Naphthalene                | <6.2              | <5.0         | <6.2         | <6.2         | <6.2         | <0.25      | <2.0       | <2.0       | <2.5       | <1.0       | <1.2       | <0.50      |
| n-Propylbenzene            | <12               | <10          | <12          | <12          | <12          | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       |
| sec-Butylbenzene           | <6.2              | <5.0         | <6.2         | <6.2         | <6.2         | <0.25      | <2.0       | <2.0       | <2.5       | <1.0       | <1.2       | <0.50      |
| Tetrachloroethylene        | <b>190</b>        | <b>99</b>    | <b>180</b>   | <b>90</b>    | <12          | <b>28</b>  | <b>23</b>  | <b>24</b>  | <b>31</b>  | <b>18</b>  | <b>16</b>  | <b>8.6</b> |
| Toluene                    | <5.0              | <4.0         | <5.0         | <5.0         | <5.0         | <0.10      | <0.80      | <2.0       | <2.5       | <0.80      | <1.0       | <0.40      |
| trans-1,2-Dichloroethylene | 14                | <10          | 20 J         | 14 J         | <12          | 18         | 12         | 13         | 20         | 5.2        | 5          | 3.1        |
| Trichloroethylene          | <b>720</b>        | <b>400</b>   | <b>790</b>   | <b>370</b>   | <5.0         | <b>48</b>  | <b>42</b>  | <b>37</b>  | <b>53</b>  | <b>24</b>  | <b>25</b>  | <b>14</b>  |
| Trimethylbenzenes (Total)  | <10               | <8           | <10          | <10          | <10          | <0.2       | <1.6       | <4         | <5         | <1.6       | <2         | <0.8       |
| Vinyl Chloride             | <b>62</b>         | <b>49</b>    | <b>57</b>    | <b>200</b>   | <b>950</b>   | <b>1.3</b> | <2.0       | <4.0       | <2.5       | <b>9.4</b> | <1.0       | <b>0.9</b> |
| Xylene, o                  | NA                | NA           | NA           | NA           | NA           | NA         | NA         | NA         | NA         | NA         | NA         | NA         |
| Xylenes, Total             | <12               | <10          | <12          | <12          | <12          | <0.25      | <2.0       | <4.0       | <5.0       | <2.0       | <2.5       | <1.0       |
| <b>Gases</b>               |                   |              |              |              |              |            |            |            |            |            |            |            |
| Carbon Dioxide (mg/L)      | NA                | 24           | NA           | NA           | NA           | NA         | 65         | 60         | 43         | 20         | 46         | 24         |
| Carbon Monoxide (mg/L)     | NA                | NA           | NA           | NA           | NA           | NA         | NA         | <0.40      | <0.40      | <0.40      | NA         | NA         |
| Ethane (µg/L)              | 0.046             | 0.21         | NA           | 0.53         | 0.16         | NA         | 0.074      | 0.079      | 0.078      | 0.052      | 0.094      | 0.39       |
| Ethylene (µg/L)            | 3.6               | 0.97         | NA           | 18           | 280          | NA         | 0.26       | 0.23       | 0.64       | 1.9        | 0.19       | 1.1        |
| Methane (µg/L)             | 58                | 6.1          | NA           | 150          | 9,200        | NA         | 10         | 14         | 3.7        | 13         | 9.2        | 13         |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | JMW-1 (continued) |          |          |          |          | JMW-2    |          |          |          |          |          |          |
|--|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 12/14/04          | 03/10/05 | 11/04/05 | 03/09/06 | 06/09/06 | 10/18/02 | 12/18/02 | 03/10/03 | 09/11/03 | 03/05/04 | 09/10/04 | 03/10/05 |
| <b>Gases (continued)</b>               |                   |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA                | NA       | NA       | NA       | NA       | NA       | 16       | 22       | 19       | 20       | NA       | NA       |
| Oxygen (mg/L)                          | NA                | NA       | NA       | NA       | NA       | NA       | 7.9      | 6.9      | 10       | 9.9      | NA       | NA       |
| <b>Field Data</b>                      |                   |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.78              | 0.23     | NA       | NA       | 0.28     | NA       | 0.2      | 0.22     | 0.34     | -0.24 *  | 0.18     | 0.27     |
| Iron, Ferrous (mg/L)                   | NM                | NA       | NA       | NA       | NA       | NA       | 0.24     | 0.1      | 0.12     | 0        | 0.1      | NA       |
| Iron, Total (mg/L)                     | NM                | NA       | NA       | NA       | NA       | NA       | 0.24     | 0.2      | 0.24     | 0.1      | 0.4      | NA       |
| ORP (mV)                               | -38.9             | -65.3    | NA       | NA       | -84.2    | NA       | -21      | -65.1    | -103.4   | -189.6   | -55.6    | -11.5    |
| pH                                     | 6.85              | 7.06     | NA       | NA       | 6.04     | NA       | 6.99     | 7.38     | 6.94     | 7.47     | 7.18     | 7.11     |
| Specific Conductance (µS)              | 9,025             | 6,473    | NA       | NA       | 6,750    | NA       | 6,460    | 5,560    | 5,259    | 2,806    | 2,596    | 2,008    |
| Temperature (°C)                       | 13.16             | 10.81    | NA       | NA       | 11.07    | NA       | 13.4     | 10.68    | 13.69    | 9.18     | 13.93    | 10.69    |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L)            | 2.6 M             | 3.4 M    | NA       | 2,240    | NA       | NA       | 5.6      | 6.2      | 2.2      | 1.6 M    | 4.1 M    | 2.9 M    |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | JMW-2 (continued) |          | MW-2     |          |          |          |          |          |          |          |          |          |
|----------------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/09/06          | 06/09/06 | 05/10/00 | 07/13/00 | 09/15/00 | 11/07/00 | 01/09/01 | 03/29/01 | 09/10/01 | 03/06/02 | 09/13/02 | 03/07/03 |
| <b>VOC (µg/L)</b>          |                   |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <2.0              | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.50    |
| 1,1-Dichloroethane         | <2.0              | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| 1,1-Dichloroethylene       | <2.0              | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.73    | 0.45     | 0.51     | 0.81     | 1.1      |
| 1,2,4-Trimethylbenzene     | <0.80             | <0.40    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.32    | <0.10    | <0.10    | <0.10    | <0.25    |
| 1,3,5-Trimethylbenzene     | <0.80             | <0.40    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.33    | <0.10    | <0.10    | <0.10    | <0.25    |
| 1,4-Dichlorobenzene        | <0.80             | <0.40    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.80             | <0.40    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.31    | <0.10    | <0.10    | <0.10    | <0.25    |
| Chloroethane               | <4.0              | <2.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.2     | <0.25    | <0.25    | <0.25    | <1.0     |
| Chloroform                 | <0.80             | <0.40    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.80             | <0.40    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | 150               | 90       | <0.25    | <0.25    | <0.25    | <0.25    | 5        | <0.23    | 0.71     | 2.4      | 3.8      | <0.50    |
| Dichlorodifluoromethane    | <2.0              | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.50    |
| Ethylbenzene               | <2.0              | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.50    |
| Isopropylbenzene           | <0.80             | <0.40    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <4.0              | <2.0     | <0.25    | <0.25    | <0.25    | 0.31 L   | <0.25    | <0.87    | 0.58 L   | <0.25    | <0.25    | <1.0     |
| Methyl-t-butyl ether       | <2.0              | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.14    | <0.25    | <0.25    | <0.25    | <0.50    |
| Naphthalene                | <1.0              | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <2.0              | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.46    | <0.25    | <0.25    | <0.25    | <0.50    |
| sec-Butylbenzene           | <1.0              | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | 12                | 10       | 12       | 5.2      | 5.6      | 4.2      | 5.4      | 7        | 18       | 34       | 47       | 61       |
| Toluene                    | <0.80             | <0.40    | 0.1      | <0.10    | <0.10    | <0.10    | <0.10    | <0.39    | <0.10    | 0.17     | 0.32     | <0.25    |
| trans-1,2-Dichloroethylene | 5.4 J             | 4.5      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.39    | <0.25    | <0.25    | <0.25    | <0.50    |
| Trichloroethylene          | 18                | 16       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.49    | 0.77     | 1.7      | 2.4      | 2.4      |
| Trimethylbenzenes (Total)  | <1.6              | <0.8     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.65    | <0.2     | <0.2     | <0.2     | <0.5     |
| Vinyl Chloride             | 6.2               | 1.8      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.46    | 0.99     | 0.87     | 1.4      | 1.5      |
| Xylene, o                  | NA                | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <2.0              | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.1     | <0.25    | <0.25    | <0.25    | <0.50    |
| <b>Gases</b>               |                   |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA                | NA       | 10.11    | 9.1      | 9.33     | 10.43    | 10       | 8.3      | 9.7      | 7.8      | 8.1      | 9.4      |
| Carbon Monoxide (mg/L)     | NA                | NA       | <0.40    | <0.40    | <0.40    | <0.40    | NA       | NA       | NA       | NA       | NA       | <0.40    |
| Ethane (µg/L)              | 0.028             | 0.056    | <0.005   | 0.018    | <0.005   | <0.005   | <0.005   | 0.018    | 0.011    | 0.014    | 0.017    | 0.082    |
| Ethylene (µg/L)            | 0.048             | 0.27     | <0.005   | <0.005   | <0.005   | <0.005   | <0.005   | 0.0098   | 0.11     | 0.022    | 0.04     | 0.77     |
| Methane (µg/L)             | 6.9               | 3.6      | 0.105    | 1.672    | 0.141    | 3.06     | 6.1      | 1.9      | 8.7      | 5.8      | 14       | 16       |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | JMW-2 (continued) |          |          | MW-2     |          |          |          |          |          |          |          |          |
|--|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 03/09/06          | 06/09/06 | 05/10/00 | 07/13/00 | 09/15/00 | 11/07/00 | 01/09/01 | 03/29/01 | 09/10/01 | 03/06/02 | 09/13/02 | 03/07/03 |
| <b>Gases (continued)</b>               |                   |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA                | NA       | 21.33    | 19.79    | 22.01    | 21       | 24       | 21       | 23       | 18       | 17       | 21       |
| Oxygen (mg/L)                          | NA                | NA       | 1.6      | 3.88     | 2.6      | 1.83     | 5.2      | 1.8      | 2.3      | 6.8      | 6        | 7.7      |
| <b>Field Data</b>                      |                   |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | NA                | 0.64     | 1.57     | 1.24     | 0.13     | 0.1      | 0.14     | 0.25     | 0.04     | 6.06 *   | 0.58     | 0.39     |
| Iron, Ferrous (mg/L)                   | NA                | NA       | 0        | 0.03     | NM       | NM       | 0.02     | NM       | 0        | 0        | 0        | 0        |
| Iron, Total (mg/L)                     | NA                | NA       | 0.12     | 0.06     | 0.04     | 0        | NM       | NM       | 0        | 0        | 0        | 0.06     |
| ORP (mV)                               | NA                | -78.4    | 152.9    | 155.5    | 254.1    | 101.5    | 44.8     | -52.2    | -5.6     | 158.6    | 34.4     | 114.6    |
| pH                                     | NA                | 7.01     | 7.62     | 12 *     | 7.5      | 7.56     | 7.63     | 7.78     | 7.38     | 7.66     | 7.94     | 7.7      |
| Specific Conductance (µS)              | NA                | 2,301    | 624      | 536      | 545      | 627      | 593      | 624      | 615      | 1,320    | 623      | 624      |
| Temperature (°C)                       | NA                | 11.12    | 12.73    | 15.97    | 10.96    | 11.3     | 11.34    | 11.25    | 10.79    | 11.3     | 11.33    | 11.68    |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                | NA       | NA       | 200      | NA       |
| Total Organic Carbon (mg/L)            | 3.83 ET           | NA       | 1.4      | 1.5      | 1.6      | 1.2      | 1.1      | 1.8      | 1.5      | <1.0     | 2.1      | 1.7      |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

# ARCADIS

**Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.**

| Sample I.D.<br>Sample Date | MW-3R    |          | MW-4     |          |          |          | MW-5     |          |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 05/09/00 | 07/11/00 | 09/13/00 | 03/05/02 | 09/13/02 | 03/06/03 | 07/11/00 | 09/12/00 | 03/12/02 | 09/13/02 | 03/06/03 | 03/04/04 |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 0.61     | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    |
| 1,1-Dichloroethane         | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 17       | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    |
| 1,1-Dichloroethylene       | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    |
| 1,2,4-Trimethylbenzene     | <10      | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | 3.4      | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    |
| 1,3,5-Trimethylbenzene     | <10      | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | 0.38     | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    |
| 1,4-Dichlorobenzene        | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    |
| Benzene                    | <10      | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | 1.4      | <0.10    | <0.10    | <0.10    | <0.25    | <0.20    |
| Chloroethane               | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <1.0     |
| Chloroform                 | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    |
| Chloromethane              | <25      | <0.25    | <0.25    | <0.25    | 0.39 B   | <0.25    | <0.25    | <0.25    | <0.25    | 0.38 B   | <0.25    | <0.20    |
| cis-1,2-Dichloroethylene   | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 10       | 50       | 59       | 43       | 49       | 40       |
| Dichlorodifluoromethane    | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    |
| Ethylbenzene               | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 2.9      | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    |
| Isopropylbenzene           | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 1.1      | <0.25    | <0.25    | <0.25    | <0.25    | <0.20    |
| Methylene Chloride         | <25      | <0.25    | 2.8 L    | <0.25    | <0.25    | <1.0     | <0.25    | 3.1 L    | <0.25    | <0.25    | <1.0 C   | <1.0     |
| Methyl-t-butyl ether       | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    |
| Naphthalene                | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 28       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 1.5      | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    |
| sec-Butylbenzene           | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 0.84     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | 1300     | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | 12       | 12       | 6.9      | 9        | 8.6      |
| Toluene                    | <10      | <0.10    | 0.12     | <0.10    | 0.82 B   | <0.25    | 0.24     | <0.10    | <0.10    | <0.10 B  | <0.25    | <0.20    |
| trans-1,2-Dichloroethylene | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | 0.35     | 0.47     | 0.51     | <0.50    | <0.50    |
| Trichloroethylene          | 100      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 2.6      | 2.8      | 1.9      | 2.2      | 1.9      |
| Trimethylbenzenes (Total)  | <20      | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | 3.78     | <0.2     | <0.2     | <0.2     | <0.5     | <0.4     |
| Vinyl Chloride             | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 0.73     |
| Xylene, o                  | NA       |
| Xylenes, Total             | <25      | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 2.3      | <0.25    | <0.25    | <0.25    | <0.50    | <0.50    |
| <b>Gases</b>               |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 72.08    | 15.01    | 14.9     | NA       | NA       | NA       | 8.7      | 8.09     | NA       | NA       | NA       | NA       |
| Carbon Monoxide (mg/L)     | <0.40    | <0.40    | <0.40    | NA       | NA       | NA       | <0.40    | <0.40    | NA       | NA       | NA       | NA       |
| Ethane (µg/L)              | 0.037    | 0.082    | 0.045    | NA       | NA       | NA       | 0.052    | 0.016    | NA       | NA       | NA       | NA       |
| Ethylene (µg/L)            | 0.013    | <0.005   | 0.013    | NA       | NA       | NA       | 0.039    | 0.011    | NA       | NA       | NA       | NA       |
| Methane (µg/L)             | 1.033    | 880      | 0.61     | NA       | NA       | NA       | 15.87    | 1.009    | NA       | NA       | NA       | NA       |

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# ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date  | MW-3R    |          |          | MW-4     |          |          | MW-5     |          |          |          |          |          |
|-----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                             | 05/09/00 | 07/11/00 | 09/13/00 | 03/05/02 | 09/13/02 | 03/06/03 | 07/11/00 | 09/12/00 | 03/12/02 | 09/13/02 | 03/06/03 | 03/04/04 |
| <b>Gases (continued)</b>    |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)             | 17.52    | 18.45    | 16       | NA       | NA       | NA       | 32.75    | 19.4     | NA       | NA       | NA       | NA       |
| Oxygen (mg/L)               | 0.74     | 0.98     | 0.69     | NA       | NA       | NA       | 4.76     | 1.67     | NA       | NA       | NA       | NA       |
| <b>Field Data</b>           |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                   | 1.78     | 0.32     | 0.19     | 0.91     | 0.36     | 0.19     | 1.44     | 0.31     | 0.09     | 0.22     | 0.28     | 0.05     |
| Iron, Ferrous (mg/L)        | 0        | 0.34     | NM       | 0        | 0.6      | 0.16     | 0.09     | NM       | 0.02     | 0        | 0        | 0        |
| Iron, Total (mg/L)          | 0        | 0.42     | 0.3      | 0.1      | 0.64     | 0.2      | 0.1      | 0.14     | 0.02     | 0        | 0        | 0        |
| ORP (mV)                    | 255.7    | -66.3    | -32.7    | 44.9     | -89.8    | -25.6    | -19.6    | -35      | -68.9    | 36.9     | 116.8    | -21      |
| pH                          | 6.67     | 7.11     | 7.78     | 7.37     | 7.46     | 7.49     | 8.46     | 7.5      | 7.28     | 7.64     | 7.44     | 7.34     |
| Specific Conductance (µS)   | 3,237    | 2,493    | 2,735    | 5,745    | 2,900    | 2,913    | 1,119    | 1,515    | 2,582    | 2,042    | 2,010    | 2,372    |
| Temperature (°C)            | 10.28    | 17.1     | 12.41    | 12.87    | 12.29    | 12.66    | 16.2     | 12.37    | 12.78    | 12.52    | 12.51    | 12.6     |
| Alkalinity, total (CaCO3)   | NA       | 190      | NA       | NA       | NA       | NA       | 150      | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L) | <5.0 M   | 1.9      | 1.8      | NA       | NA       | NA       | 2.1      | 2.4      | NA       | NA       | NA       | NA       |

- Constituent concentration exceeds Chapter NR 140 PAL.**
- Constituent concentration exceeds Chapter NR 140 ES.**
- < Constituent not present above method detection limit, which is the value following the "<" sign.
- > Constituent present above the field detection limit, which is the value following the ">" sign.
- \* Data Suspect.
- B Blank is contaminated.
- °C Degrees Celsius.
- C Standard outside of control limits.
- ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- ET Matrix Interference in sample is causing an endpoint timeout.
- J Estimated concentration.
- L Common lab solvent and contaminant.
- M Matrix Interference.
- µS Micro siemens.
- µg/L Micrograms per liter.
- mg/L Milligrams per liter.
- mV Millivolt.
- NA Not analyzed.
- NE Chapter NR 140 Groundwater Quality Standards not established for constituent.
- PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.
- VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | MW-5 (continued) |          |          |          |          |          | MW-6     |          |          |          |          |          |
|----------------------------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/10/05         | 05/09/00 | 07/10/00 | 09/18/00 | 01/18/01 | 03/28/01 | 07/25/01 | 08/07/01 | 08/23/01 | 09/07/01 | 12/10/01 | 03/05/02 |
| <b>VOC (µg/L)</b>          |                  |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.50            | 0.61     | 0.81     | 0.99     | 0.4      | <0.25    | 0.6      | 0.56     | 0.59     | 0.67     | <0.25    | 0.32     |
| 1,1-Dichloroethane         | <0.50            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <0.50            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.73    | <0.73    | <0.73    | <0.25    | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <0.20            | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.32    | <0.32    | <0.32    | <0.10    | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <0.20            | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.33    | <0.33    | <0.33    | <0.10    | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <0.20            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.35    | <0.35    | <0.35    | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.20            | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.31    | <0.31    | <0.31    | <0.10    | <0.10    | <0.10    |
| Chloroethane               | <1.0             | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.2     | <1.2     | <1.2     | <0.25    | <0.25    | <0.25    |
| Chloroform                 | <0.20            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.18    | <0.18    | <0.18    | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.20            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.38    | <0.38    | <0.38    | <0.25    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | 36               | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.23    | <0.23    | <0.23    | 3.1      | <0.25    | <0.25    |
| Dichlorodifluoromethane    | <0.50            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.49    | <0.49    | <0.49    | <0.25    | <0.25    | <0.25    |
| Ethylbenzene               | <0.50            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.38    | <0.38    | <0.38    | <0.25    | <0.25    | <0.25    |
| Isopropylbenzene           | <0.20            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.36    | <0.36    | <0.36    | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <1.0             | <0.25    | <0.25    | <0.25    | <0.25    | 0.25 L   | <0.87    | <0.87    | <0.87    | <0.25    | 3.1 L    | <0.25    |
| Methyl-t-butyl ether       | <0.50            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.14    | <0.14    | <0.14    | <0.25    | <0.25    | <0.25    |
| Naphthalene                | <0.25            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.35    | <0.35    | <0.35    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.50            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.46    | <0.46    | <0.46    | <0.25    | <0.25    | <0.25    |
| sec-Butylbenzene           | <0.25            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.45    | <0.45    | <0.45    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | 5.2              | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.63    | <0.63    | <0.63    | 0.34     | <0.25    | <0.25    |
| Toluene                    | <0.20            | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.39    | <0.39    | <0.39    | <0.10    | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | <0.50            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.39    | <0.39    | <0.39    | <0.25    | <0.25    | <0.25    |
| Trichloroethylene          | 1.4              | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.49    | <0.49    | <0.49    | 0.46     | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <0.4             | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.65    | <0.65    | <0.65    | <0.2     | <0.2     | <0.2     |
| Vinyl Chloride             | 1.2              | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.46    | <0.46    | <0.46    | <0.25    | <0.25    | <0.25    |
| Xylene, o                  | NA               | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <0.50            | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.1     | <1.1     | <1.1     | <0.25    | <0.25    | <0.25    |
| <b>Gases</b>               |                  |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA               | 18.22    | 31.29    | 31.07    | 18       | 18       | 26       | NA       | 26       | 29       | 20       | NA       |
| Carbon Monoxide (mg/L)     | NA               | <0.40    | <0.40    | <0.4     | NA       | NA       | NA       | NA       | <0.40    | NA       | NA       | NA       |
| Ethane (µg/L)              | NA               | <0.005   | 0.021    | <0.005   | <0.005   | <0.005   | <0.005   | 0.018    | 0.016    | 0.02     | 0.059    | NA       |
| Ethylene (µg/L)            | NA               | <0.005   | 0.036    | <0.005   | 0.48     | <0.005   | <0.005   | 0.031    | 0.026    | 0.21     | 0.035    | NA       |
| Methane (µg/L)             | NA               | 0.185    | 1.486    | 0.102    | 0.82     | 5.2      | 2.9      | 3        | 0.32     | 1        | 0.38     | NA       |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-5 (continued) |          |          |          |          |          | MW-6     |          |          |          |          |          |
|--|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 03/10/05         | 05/09/00 | 07/10/00 | 09/18/00 | 01/18/01 | 03/28/01 | 07/25/01 | 08/07/01 | 08/23/01 | 09/07/01 | 12/10/01 | 03/05/02 |
| <b>Gases (continued)</b>               |                  |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA               | 16.9     | 19.86    | 14.28    | 24       | 22       | 18       | NA       | 19       | 17       | 18       | NA       |
| Oxygen (mg/L)                          | NA               | 5.86     | 5.82     | 4.53     | 7.5      | 7.3      | 5.5      | NA       | 4.4      | 4.3      | 6.8      | NA       |
| <b>Field Data</b>                      |                  |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.25             | NM       | 3.88     | 4.46     | 10.33 *  | 5.52     | 0.82     | 1.72     | 3.46     | 1.52     | 2.31     | 0.72     |
| Iron, Ferrous (mg/L)                   | NA               | 0        | 0        | NM       | 0        | 0        | NM       | 0        | 0        | 0        | 0        | 0        |
| Iron, Total (mg/L)                     | NA               | 0.06     | 0.08     | 0.16     | NM       | 0        | 0.1      | 0        | 0        | 0        | 0        | 0        |
| ORP (mV)                               | 34.8             | 200.9    | 515      | 322.3    | 254.8    | 235.3    | 148.2    | 186.2    | 146.8    | 47.3     | 295.5    | 332.3    |
| pH                                     | 7.22             | 7.38     | 6.34     | 7.12     | 7.58     | 7.36     | 7.19     | 7.14     | 7.17     | 7.18     | 7.4      | 7.36     |
| Specific Conductance (µS)              | 2,447            | 2,350    | 3,146    | 1,094    | 2,857    | 1,230    | 3,358    | 3,051    | 4,806    | 3,763    | 3,022    | 5,847    |
| Temperature (°C)                       | 11.94            | 9.43     | 17.92    | 16.43    | 10.3     | 7.59     | 13.87    | 14.76    | 15.56    | 16.17    | 13.52    | 9.02     |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA               | NA       | 290      | NA       |
| Total Organic Carbon (mg/L)            | NA               | 1.8      | 2.8      | 2.6      | 3        | 1.3      | 2.2      | 2        | 1.7      | 2.4      | 4        | NA       |

|             |   |
|-------------|---|
|             | Constituent concentration exceeds Chapter NR 140 PAL.   |
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES.  |
| <           | Constituent not present above method detection limit, which is the value following the "<" sign.                    |
| >           | Constituent present above the field detection limit, which is the value following the ">" sign.                     |
| *           | Data Suspect.   |
| B           | Blank is contaminated.  |
| °C          | Degrees Celsius.  |
| C           | Standard outside of control limits.   |
| ES          | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.    |
| ET          | Matrix Interference in sample is causing an endpoint timeout.   |
| J           | Estimated concentration.  |
| L           | Common lab solvent and contaminant.   |
| M           | Matrix Interference.  |
| µS          | Micro siemens.  |
| µg/L        | Micrograms per liter.   |
| mg/L        | Milligrams per liter.   |
| mV          | Millivolt.  |
| NA          | Not analyzed.   |
| NE          | Chapter NR 140 Groundwater Quality Standards not established for constituent.                                       |
| PAL         | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
| VOCs        | Volatile organic compounds.   |

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | MW-6 (continued) |          |          |          | MW-7     |          |          |          |          |          |          |          |
|----------------------------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 09/12/02         | 03/06/03 | 03/03/04 | 03/08/05 | 12/03/99 | 05/10/00 | 07/11/00 | 09/19/00 | 11/08/00 | 01/05/01 | 03/29/01 | 09/07/01 |
| <b>VOC (µg/L)</b>          |                  |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | 0.63             | <0.50    | <0.50    | <0.50    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.28    | <0.25    |
| 1,1-Dichloroethane         | <0.25            | <0.50    | <0.50    | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <0.25            | <0.50    | <0.50    | <0.50    | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.73    | <0.25    |
| 1,2,4-Trimethylbenzene     | <0.10            | <0.25    | <0.20    | <0.20    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.32    | <0.10    |
| 1,3,5-Trimethylbenzene     | <0.10            | <0.25    | <0.20    | <0.20    | <0.64    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.33    | <0.10    |
| 1,4-Dichlorobenzene        | <0.25            | <0.25    | <0.20    | <0.20    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.35    | <0.25    |
| Benzene                    | <0.10            | <0.25    | <0.20    | <0.20    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.31    | <0.10    |
| Chloroethane               | <0.25            | <1.0     | <1.0     | <1.0     | <0.13    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.2     | <0.25    |
| Chloroform                 | <0.25            | <0.25    | <0.20    | <0.20    | 1.7      | 1.5      | 1.2      | 0.98     | 1.5      | 1        | 0.71     | 1.2      |
| Chloromethane              | 0.66 B           | <0.25    | <0.20    | <0.20    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.38    | <0.25    |
| cis-1,2-Dichloroethylene   | <0.25            | <0.50    | <0.50    | <0.50    | 0.97 J   | <0.25    | <0.25    | 0.27     | 13       | <0.25    | <0.23    | 2.2      |
| Dichlorodifluoromethane    | <0.25            | <0.50    | <0.50    | <0.50    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.49    | <0.25    |
| Ethylbenzene               | <0.25            | <0.50    | <0.50    | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.38    | <0.25    |
| Isopropylbenzene           | <0.25            | <0.25    | <0.20    | <0.20    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.36    | <0.25    |
| Methylene Chloride         | <0.25            | <1.0     | <1.0     | <1.0     | <2       | <0.25    | <0.25    | <0.25    | 0.28 L   | <0.25    | <0.87    | <0.25    |
| Methyl-t-butyl ether       | <0.25            | <0.50    | <0.50    | <0.50    | <0.31    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.14    | <0.25    |
| Naphthalene                | <0.25            | <0.25    | <0.25    | <0.25    | <0.88    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.35    | <0.25    |
| n-Propylbenzene            | <0.25            | <0.50    | <0.50    | <0.50    | <0.3     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.46    | <0.25    |
| sec-Butylbenzene           | <0.25            | <0.25    | <0.25    | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.45    | <0.25    |
| Tetrachloroethylene        | <0.25            | <0.50    | <0.50    | <0.50    | 7.1      | 6.1      | 6.4      | 6.6      | 8        | 4.7      | 5.5      | 6.1      |
| Toluene                    | 0.18 B           | <0.25    | <0.20    | <0.20    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.39    | <0.10    |
| trans-1,2-Dichloroethylene | <0.25            | <0.50    | <0.50    | <0.50    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.39    | <0.25    |
| Trichloroethylene          | <0.25            | <0.25    | <0.20    | <0.20    | 1.5 J    | 1.2      | 0.9      | 1.4      | 1.6      | 1.1      | 0.91     | 1.4      |
| Trimethylbenzenes (Total)  | <0.2             | <0.5     | <0.4     | <0.4     | <0.99    | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.65    | <0.2     |
| Vinyl Chloride             | <0.25            | <0.50    | <0.20    | <0.20    | <0.15    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.46    | <0.25    |
| Xylene, o                  | NA               | NA       | NA       | NA       | <0.32    | NA       |
| Xylenes, Total             | <0.25            | <0.50    | <0.50    | <0.50    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.1     | <0.25    |
| <b>Gases</b>               |                  |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA               | NA       | NA       | NA       | NA       | 76.46    | 125.08   | 134.7    | 170      | 96       | 62       | 150      |
| Carbon Monoxide (mg/L)     | NA               | NA       | NA       | NA       | NA       | <0.40    | <0.40    | <0.4     | <0.40    | NA       | NA       | NA       |
| Ethane (µg/L)              | NA               | NA       | NA       | NA       | <0.5     | <0.005   | 0.053    | 0.007    | <0.005   | <0.005   | <0.005   | 0.049    |
| Ethylene (µg/L)            | NA               | NA       | NA       | NA       | <0.5     | <0.005   | 0.052    | 0.008    | <0.005   | 0.024    | <0.005   | 0.15     |
| Methane (µg/L)             | NA               | NA       | NA       | NA       | 6.6      | 0.126    | 0.149    | 0.323    | 0.354    | 28       | 0.19     | 1.3      |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-6 (continued)  |          |          |          | MW-7     |          |          |          |          |          |          |          |
|--|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 09/12/02  | 03/06/03 | 03/03/04 | 03/08/05 | 12/03/99 | 05/10/00 | 07/11/00 | 09/19/00 | 11/08/00 | 01/05/01 | 03/29/01 | 09/07/01 |
| <b>Gases (continued)</b>               |   |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA  | NA       | NA       | NA       | NA       | 15.1     | 18.14    | 13.01    | 14.19    | 20       | 20       | 15       |
| Oxygen (mg/L)                          | NA  | NA       | NA       | NA       | NA       | 3.78     | 3.16     | 2.48     | 3.04     | 6.8      | 4.8      | 2.8      |
| <b>Field Data</b>                      |   |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 1.98  | 0.3      | 2.48     | 2.14     | 3.74     | NM       | 1.58     | 0.24     | 0.8      | 1.33     | 1.35     | 1.31     |
| Iron, Ferrous (mg/L)                   | 0   | 0        | 0        | NA       | NM       | 0        | 0        | NM       | NM       | 0        | 0        | NM       |
| Iron, Total (mg/L)                     | 0   | 0        | 0        | NA       | NM       | 0.04     | 0.08     | 0.32     | NM       | 0        | 0.1      | NM       |
| ORP (mV)                               | -189.2  | 4        | 113      | 208.7    | 82       | 132.1    | 132.7    | -141.7   | 70.5     | 163.8    | 22.5     | -73.7    |
| pH                                     | 7.48  | 7.4      | 7.27     | 6.85     | 6.88     | 7.09     | 6.68     | 6.7      | 6.82     | 6.81     | 7.07     | 6.79     |
| Specific Conductance (µS)              | 3,228   | 4,350    | 4,041    | 3,969    | 8,214    | 6,770    | 3,342    | 4,606    | 7,999    | 7,449    | 3,436    | 7,018    |
| Temperature (°C)                       | 16.17   | 8.01     | 6.6      | 8.13     | 12.78    | 9.51     | 16.97    | 16.31    | 14.39    | 9.89     | 7.37     | 15.55    |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA  | NA       | NA       | NA       | NA       | NA       | 620      | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L)            | NA  | NA       | NA       | NA       | 7.6      | <10 M    | 4.6      | 6.8      | 2.5      | 3.2      | 4.2      | 4.1      |
|  | Constituent concentration exceeds Chapter NR 140 PAL.   |          |          |          |          |          |          |          |          |          |          |          |
| <b>Bold</b>                            | Constituent concentration exceeds Chapter NR 140 ES.  |          |          |          |          |          |          |          |          |          |          |          |
| <                                      | Constituent not present above method detection limit, which is the value following the "<" sign.                    |          |          |          |          |          |          |          |          |          |          |          |
| >                                      | Constituent present above the field detection limit, which is the value following the ">" sign.                     |          |          |          |          |          |          |          |          |          |          |          |
| *                                      | Data Suspect.   |          |          |          |          |          |          |          |          |          |          |          |
| B                                      | Blank is contaminated.  |          |          |          |          |          |          |          |          |          |          |          |
| °C                                     | Degrees Celsius.  |          |          |          |          |          |          |          |          |          |          |          |
| C                                      | Standard outside of control limits.   |          |          |          |          |          |          |          |          |          |          |          |
| ES                                     | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.    |          |          |          |          |          |          |          |          |          |          |          |
| ET                                     | Matrix interference in sample is causing an endpoint timeout.   |          |          |          |          |          |          |          |          |          |          |          |
| J                                      | Estimated concentration.  |          |          |          |          |          |          |          |          |          |          |          |
| L                                      | Common lab solvent and contaminant.   |          |          |          |          |          |          |          |          |          |          |          |
| M                                      | Matrix interference.  |          |          |          |          |          |          |          |          |          |          |          |
| µS                                     | Micro siemens.  |          |          |          |          |          |          |          |          |          |          |          |
| µg/L                                   | Micrograms per liter.   |          |          |          |          |          |          |          |          |          |          |          |
| mg/L                                   | Milligrams per liter.   |          |          |          |          |          |          |          |          |          |          |          |
| mV                                     | Millivolt.  |          |          |          |          |          |          |          |          |          |          |          |
| NA                                     | Not analyzed.   |          |          |          |          |          |          |          |          |          |          |          |
| NE                                     | Chapter NR 140 Groundwater Quality Standards not established for constituent.                                       |          |          |          |          |          |          |          |          |          |          |          |
| PAL                                    | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code. |          |          |          |          |          |          |          |          |          |          |          |
| VOCs                                   | Volatile organic compounds.   |          |          |          |          |          |          |          |          |          |          |          |

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | MW-7 (continued) |          |          |          |          | MW-8     |          |          |          |          |          |          |          |
|----------------------------|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/06/02         | 09/13/02 | 03/06/03 | 03/04/04 | 03/08/05 | 12/02/99 | 12/02/99 | 09/19/00 | 03/29/01 | 09/05/01 | 03/11/02 | 09/11/02 | 03/05/03 |
| <b>VOC (µg/L)</b>          |                  |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | <0.45    | NA       | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.50    |
| 1,1-Dichloroethane         | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | <0.34    | NA       | 0.43     | <0.25    | <0.25    | 0.53     | 0.31     | <0.50    |
| 1,1-Dichloroethylene       | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | <0.39    | NA       | <0.25    | <0.73    | <0.25    | <0.25    | <0.25    | <0.50    |
| 1,2,4-Trimethylbenzene     | <0.10            | <0.10    | <0.25    | <0.20    | <0.20    | <0.35    | NA       | <0.10    | <0.32    | <0.10    | <0.10    | <0.10    | <0.25    |
| 1,3,5-Trimethylbenzene     | <0.10            | <0.10    | <0.25    | <0.20    | <0.20    | <0.64    | NA       | <0.10    | <0.33    | <0.10    | <0.10    | <0.10    | <0.25    |
| 1,4-Dichlorobenzene        | <0.25            | <0.25    | <0.25    | <0.20    | <0.20    | <0.28    | NA       | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.10            | <0.10    | <0.25    | <0.20    | <0.20    | <0.32    | NA       | <0.10    | <0.31    | <0.10    | <0.10    | <0.10    | <0.25    |
| Chloroethane               | <0.25            | <0.25    | <1.0     | <1.0     | <1.0     | <0.13    | NA       | <0.25    | <1.2     | <0.25    | <0.25    | <0.25    | <1.0     |
| Chloroform                 | 1.2              | 0.98     | 1        | 0.78     | 0.47     | <0.4     | NA       | <0.25    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.25            | 0.33     | <0.25    | <0.20    | <0.20    | <0.18    | NA       | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | <0.25            | 6.3      | <0.50    | <0.50    | <0.50    | <0.32    | NA       | 0.28     | <0.23    | <0.25    | 2.7      | <0.25    | <0.50    |
| Dichlorodifluoromethane    | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | <0.28    | NA       | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.50    |
| Ethylbenzene               | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | <0.34    | NA       | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.50    |
| Isopropylbenzene           | <0.25            | <0.25    | <0.25    | <0.20    | <0.20    | <0.34    | NA       | <0.25    | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <0.25            | <0.25    | <1.0     | <1.0     | <1.0     | <2       | NA       | <0.25    | <0.87    | 1 L      | <0.25    | <0.25    | <1.0     |
| Methyl-t-butyl ether       | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | 12       | NA       | 11       | 4.6      | 11       | 12       | 10       | 8.9      |
| Naphthalene                | <0.25            | <0.25    | <0.25    | <0.25    | <0.25    | <0.88    | NA       | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | <0.3     | NA       | <0.25    | <0.46    | <0.25    | <0.25    | <0.25    | <0.50    |
| sec-Butylbenzene           | <0.25            | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | NA       | <0.25    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | 5                | 5        | 4.3      | 2.1      | 2.1      | <0.35    | NA       | <0.25    | <0.63    | <0.25    | <0.25    | <0.25    | <0.50    |
| Toluene                    | <0.10            | 0.71     | <0.25    | <0.20    | <0.20    | <0.35    | NA       | <0.10    | <0.39    | <0.10    | <0.10    | 0.41     | <0.25    |
| trans-1,2-Dichloroethylene | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | <0.38    | NA       | <0.25    | <0.39    | <0.25    | <0.25    | <0.25    | <0.50    |
| Trichloroethylene          | 1.5              | 0.97     | 1.6      | 3.8      | 0.27     | <0.48    | NA       | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <0.2             | <0.2     | <0.5     | <0.4     | <0.4     | <0.99    | NA       | <0.2     | <0.65    | <0.2     | <0.2     | <0.2     | <0.5     |
| Vinyl Chloride             | <0.25            | <0.25    | <0.50    | <0.20    | <0.20    | <0.15    | NA       | <0.25    | <0.46    | <0.25    | 0.56     | <0.25    | <0.50    |
| Xylene, o                  | NA               | NA       | NA       | NA       | NA       | <0.32    | NA       |
| Xylenes, Total             | <0.25            | <0.25    | <0.50    | <0.50    | <0.50    | NA       | NA       | <0.25    | <1.1     | <0.25    | <0.25    | <0.25    | <0.50    |
| <b>Gases</b>               |                  |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA               | NA       | NA       | NA       | NA       | NA       | NA       | 53.09    | 39       | NA       | NA       | NA       | NA       |
| Carbon Monoxide (mg/L)     | NA               | NA       | NA       | NA       | NA       | NA       | NA       | <0.4     | NA       | NA       | NA       | NA       | NA       |
| Ethane (µg/L)              | NA               | NA       | NA       | NA       | NA       | <0.5     | NA       | <0.005   | <0.005   | NA       | NA       | NA       | NA       |
| Ethylene (µg/L)            | NA               | NA       | NA       | NA       | NA       | <0.5     | NA       | <0.005   | <0.005   | NA       | NA       | NA       | NA       |
| Methane (µg/L)             | NA               | NA       | NA       | NA       | NA       | 37       | NA       | 0.051    | 0.13     | NA       | NA       | NA       | NA       |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-7 (continued) |          |          |          |          | MW-8     |          |          |          |          |          |          |          |
|--|------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 03/06/02         | 09/13/02 | 03/06/03 | 03/04/04 | 03/08/05 | 12/02/99 | 12/02/99 | 09/19/00 | 03/29/01 | 09/05/01 | 03/11/02 | 09/11/02 | 03/05/03 |
| <b>Gases (continued)</b>               |                  |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA               | NA       | NA       | NA       | NA       | NA       | NA       | 15.3     | 18       | NA       | NA       | NA       | NA       |
| Oxygen (mg/L)                          | NA               | NA       | NA       | NA       | NA       | NA       | NA       | 0.97     | 2.3      | NA       | NA       | NA       | NA       |
| <b>Field Data</b>                      |                  |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 1.92             | 0.81     | 4.32     | 0.2      | 1.28     | NA       | 0.25     | 0.11     | 0.07     | 0.06     | 0.16     | 0.2      | 0.45     |
| Iron, Ferrous (mg/L)                   | 0.02             | 0        | 0        | 0        | NA       | NM       | NA       | NM       | 0.1      | 0.2      | 0.19     | >1.0     | >1.0     |
| Iron, Total (mg/L)                     | 0.03             | 0.1      | 0        | 0.06     | NA       | NM       | NA       | >1       | 0.32     | 0.5      | 0.56     | >1.0     | >1.0     |
| ORP (mV)                               | 126.9            | -10.15   | 270.5    | 90.1     | 107.8    | -101.8   | NA       | -153.6   | -78.5    | -324.6   | 4        | -126.9   | -78.1    |
| pH                                     | 6.8              | 6.94     | 7.1      | 7        | 6.97     | 7.11     | NA       | 7        | 7.18     | 7.13     | 7.24     | 7.3      | 7.6      |
| Specific Conductance (µS)              | 6,016            | 7,843    | 6,564    | 6,026    | 5,249    | 5,038    | NA       | 4,962    | 6,608    | 6,234    | 6,534    | 5,926    | 5,547    |
| Temperature (°C)                       | 8.45             | 15.59    | 7.2      | 7.85     | 7.11     | 13.16    | NA       | 15.47    | 7.85     | 15.24    | 9.17     | 15.49    | 3.78     |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA               | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L)            | NA               | NA       | NA       | NA       | NA       | NA       | NA       | 8.7      | 9.5      | NA       | NA       | NA       | NA       |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro-siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | MW-9     |          |          |          |          |          |          | MW-10    |          |          |          |          |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 12/02/99 | 09/12/00 | 03/28/01 | 09/06/01 | 03/08/02 | 09/12/02 | 03/05/03 | 12/01/99 | 09/14/00 | 03/27/01 | 09/04/01 | 03/08/02 |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethane         | 1.6      | 0.91     | <0.25    | 1.2      | 1.1      | 0.98     | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <0.64    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.64    | <0.10    | <0.10    | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    |
| Chloroethane               | <0.13    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <0.13    | <0.25    | <0.25    | <0.25    | <0.25    |
| Chloroform                 | <0.4     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.4     | <0.25    | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | 0.84 B   | <0.25    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    |
| cls-1,2-Dichloroethylene   | <0.32    | <0.25    | <0.25    | 0.37     | 6.6      | 0.43     | <0.50    | <0.32    | <0.25    | <0.25    | <0.25    | <0.25    |
| Dichlorodifluoromethane    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    |
| Ethylbenzene               | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    |
| Isopropylbenzene           | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <2       | 1.9 L    | 0.7 L    | <0.25    | <0.25    | <0.25    | <1.0     | <2       | 0.31 L   | 0.54 L   | 1.2 L    | <0.25    |
| Methyl-t-butyl ether       | <0.31    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.31    | <0.25    | <0.25    | <0.25    | <0.25    |
| Naphthalene                | <0.88    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.88    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.3     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.3     | <0.25    | <0.25    | <0.25    | <0.25    |
| sec-Butylbenzene           | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    |
| Toluene                    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | 0.2 B    | <0.25    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    |
| Trichloroethylene          | <0.48    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.48    | <0.25    | <0.25    | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <0.99    | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.99    | <0.2     | <0.2     | <0.2     | <0.2     |
| Vinyl Chloride             | <0.15    | <0.25    | <0.25    | <0.25    | 1.9      | <0.25    | <0.50    | <0.15    | <0.25    | <0.25    | <0.25    | <0.25    |
| Xylene, o                  | <0.32    | NA       | NA       | NA       | NA       | NA       | NA       | <0.32    | NA       | NA       | NA       | NA       |
| Xylenes, Total             | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | NA       | <0.25    | <0.25    | <0.25    | <0.25    |
| <b>Gases</b>               |          |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA       | 52.3     | 61       | NA       | NA       | NA       | NA       | NA       | 135      | 150      | NA       | NA       |
| Carbon Monoxide (mg/L)     | NA       | <0.40    | NA       | NA       | NA       | NA       | NA       | NA       | <0.40    | NA       | NA       | NA       |
| Ethane (µg/L)              | <0.5     | 0.008    | 0.0057   | NA       | NA       | NA       | NA       | <0.5     | 0.028    | 0.014    | NA       | NA       |
| Ethylene (µg/L)            | <0.5     | 0.02     | 0.0073   | NA       | NA       | NA       | NA       | <0.5     | 0.021    | <0.005   | NA       | NA       |
| Methane (µg/L)             | <0.5     | 0.656    | 1.9      | NA       | NA       | NA       | NA       | 1        | 8.49     | 7        | NA       | NA       |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-9     |          |          |          |          |          |          | MW-10    |          |          |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 12/02/99 | 09/12/00 | 03/28/01 | 09/06/01 | 03/08/02 | 09/12/02 | 03/05/03 | 12/01/99 | 09/14/00 | 03/27/01 | 09/04/01 | 03/08/02 |
| <b>Gases (continued)</b>               |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA       | 16.2     | 20       | NA       | NA       | NA       | NA       | NA       | 18.7     | 22       | NA       | NA       |
| Oxygen (mg/L)                          | NA       | 1.43     | 2.6      | NA       | NA       | NA       | NA       | NA       | 0.78     | 1.1      | NA       | NA       |
| <b>Field Data</b>                      |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.45     | 4.4 *    | 0.15     | 0.12     | 1.24     | 0.41     | 2.56     | 10.61 *  | 0.42     | 0.6      | 6.45     | 7.76     |
| Iron, Ferrous (mg/L)                   | NM       | NM       | 0        | 0.04     | 0        | 0        | 0        | NM       | NM       | >1       | 0.6      | 0.58     |
| Iron, Total (mg/L)                     | NM       | 0.1      | 0        | 0.12     | 0        | 0        | 0.1      | NM       | >1       | >1       | >1       | >1       |
| ORP (mV)                               | 47.9     | -280.5   | 182.1    | -270.3   | 123.2    | -338.8   | 64.3     | 23.5     | -73.3    | -8.9     | -140.4   | -41.3    |
| pH                                     | 7.02     | 6.98     | 6.94     | 6.96     | 6.84     | 7.21     | 7.22     | 7.15     | 6.82     | 6.84     | 6.95     | 6.84     |
| Specific Conductance (µS)              | 787      | 1,063    | 1,139    | 974      | 1,300    | 1,305    | 1,384    | 1,125    | 1,322    | 1,433    | 1,368    | 1,871    |
| Temperature (°C)                       | 11.45    | 13.28    | 6.98     | 13.36    | 7.41     | 13.15    | 7.34     | 10.61    | 15.26    | 4.76     | 15.4     | 5.99     |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA       |
| Total Organic Carbon (mg/L)            | 3.7      | 2.4      | 2        | NA       | NA       | NA       | NA       | NA       | 16       | 16       | NA       | NA       |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

|   |  |
|---|--|
| < | Constituent not present above method detection limit, which is the value following the "<" sign. |
|---|--|

|   |   |
|---|---|
| > | Constituent present above the field detection limit, which is the value following the ">" sign. |
|---|---|

|   |               |
|---|---------------|
| * | Data Suspect. |
|---|---------------|

|   |                        |
|---|------------------------|
| B | Blank is contaminated. |
|---|------------------------|

|    |                  |
|----|------------------|
| °C | Degrees Celsius. |
|----|------------------|

|   |                                     |
|---|-------------------------------------|
| C | Standard outside of control limits. |
|---|-------------------------------------|

|    |  |
|----|--|
| ES | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
|----|--|

|    |   |
|----|---|
| ET | Matrix interference in sample is causing an endpoint timeout. |
|----|---|

|   |                          |
|---|--------------------------|
| J | Estimated concentration. |
|---|--------------------------|

|   |                                     |
|---|-------------------------------------|
| L | Common lab solvent and contaminant. |
|---|-------------------------------------|

|   |                      |
|---|----------------------|
| M | Matrix interference. |
|---|----------------------|

|    |                |
|----|----------------|
| µS | Micro siemens. |
|----|----------------|

|      |                       |
|------|-----------------------|
| µg/L | Micrograms per liter. |
|------|-----------------------|

|      |                       |
|------|-----------------------|
| mg/L | Milligrams per liter. |
|------|-----------------------|

|    |            |
|----|------------|
| mV | Millivolt. |
|----|------------|

|    |               |
|----|---------------|
| NA | Not analyzed. |
|----|---------------|

|    |   |
|----|---|
| NE | Chapter NR 140 Groundwater Quality Standards not established for constituent. |
|----|---|

|     |   |
|-----|---|
| PAL | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
|-----|---|

|      |                             |
|------|-----------------------------|
| VOCs | Volatile organic compounds. |
|------|-----------------------------|

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | MW-10 (continued) |          | MW-11    |          |          |          |          | MW-12    |          |          |          |          |
|----------------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 09/10/02          | 03/04/03 | 12/01/99 | 09/20/00 | 03/27/01 | 09/04/01 | 03/11/02 | 09/10/02 | 03/04/03 | 12/01/99 | 09/14/00 | 03/26/01 |
| <b>VOC (µg/L)</b>          |                   |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25             | <0.50    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.45    | <0.25    | <0.25    |
| 1,1-Dichloroethane         | <0.25             | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    | 0.25     | <0.25    | <0.50    | <0.34    | <0.25    | <0.25    |
| 1,1-Dichloroethylene       | <0.25             | <0.50    | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.39    | <0.25    | <0.25    |
| 1,2,4-Trimethylbenzene     | <0.10             | <0.25    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.35    | <0.10    | <0.10    |
| 1,3,5-Trimethylbenzene     | <0.10             | <0.25    | <0.64    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.64    | <0.10    | <0.10    |
| 1,4-Dichlorobenzene        | <0.25             | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.28    | <0.25    | <0.25    |
| Benzene                    | <0.10             | <0.25    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.32    | <0.10    | <0.10    |
| Chloroethane               | <0.25             | <1.0     | <0.13    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <0.13    | <0.25    | <0.25    |
| Chloroform                 | <0.25             | <0.25    | <0.4     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.4     | <0.25    | <0.25    |
| Chloromethane              | 0.37              | <0.25    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.18    | <0.25    | <0.25    |
| cis-1,2-Dichloroethylene   | <0.25             | <0.50    | <0.32    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 12       | 7.3      | 4.2      |
| Dichlorodifluoromethane    | <0.25             | <0.50    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.28    | <0.25    | <0.25    |
| Ethylbenzene               | <0.25             | <0.50    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.34    | <0.25    | <0.25    |
| Isopropylbenzene           | <0.25             | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | <0.25    | <0.25    |
| Methylene Chloride         | 0.3 L             | 1.2 L    | <2       | 0.33 L   | 0.73 L   | 1.7 L    | <0.25    | 0.26 L   | 1.2 L    | <2       | 0.86 L   | 0.28 L   |
| Methyl-t-butyl ether       | <0.25             | <0.50    | 6.1      | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.31    | <0.25    | <0.25    |
| Naphthalene                | <0.25             | <0.25    | <0.88    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.88    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.25             | <0.50    | <0.3     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.3     | <0.25    | <0.25    |
| sec-Butylbenzene           | <0.25             | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | <0.25    | <0.25    |
| Tetrachloroethylene        | <0.25             | <0.50    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.35    | <0.25    | <0.25    |
| Toluene                    | 2.2 B             | <0.25    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | 0.5      | <0.25    | <0.35    | <0.10    | <0.10    |
| trans-1,2-Dichloroethylene | <0.25             | <0.50    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 0.4 J    | 0.44     | <0.25    |
| Trichloroethylene          | <0.25             | <0.25    | <0.48    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 2.7      | 2.2      | 1.7      |
| Trimethylbenzenes (Total)  | <0.2              | <0.5     | <0.99    | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.99    | <0.2     | <0.2     |
| Vinyl Chloride             | <0.25             | <0.50    | <0.15    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.15    | <0.25    | <0.25    |
| Xylene, o                  | NA                | NA       | <0.32    | NA       | NA       | NA       | NA       | NA       | NA       | <0.32    | NA       | NA       |
| Xylenes, Total             | <0.25             | <0.50    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | NA       | <0.25    | <0.25    |
| <b>Gases</b>               |                   |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA                | NA       | NA       | 68.22    | 68       | NA       | NA       | NA       | NA       | NA       | 71       | 79       |
| Carbon Monoxide (mg/L)     | NA                | NA       | NA       | <0.4     | NA       | NA       | NA       | NA       | NA       | NA       | <0.40    | NA       |
| Ethane (µg/L)              | NA                | NA       | <0.5     | <0.005   | <0.005   | NA       | NA       | NA       | NA       | <0.5     | 0.026    | <0.005   |
| Ethylene (µg/L)            | NA                | NA       | <0.5     | <0.005   | <0.005   | NA       | NA       | NA       | NA       | <0.5     | 0.021    | <0.005   |
| Methane (µg/L)             | NA                | NA       | 0.83     | 0.61     | 1.7      | NA       | NA       | NA       | NA       | <0.5     | 5.342    | 0.64     |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-10 (continued) |          | MW-11    |          |          |          |          |          | MW-12    |          |          |          |
|--|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 09/10/02          | 03/04/03 | 12/01/99 | 09/20/00 | 03/27/01 | 09/04/01 | 03/11/02 | 09/10/02 | 03/04/03 | 12/01/99 | 09/14/00 | 03/26/01 |
| <b>Gases (continued)</b>               |                   |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA                | NA       | NA       | 15.22    | 20       | NA       | NA       | NA       | NA       | NA       | 19.58    | 21       |
| Oxygen (mg/L)                          | NA                | NA       | NA       | 1.87     | 3.2      | NA       | NA       | NA       | NA       | NA       | 2.6      | 3.4      |
| <b>Field Data</b>                      |                   |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 3.39              | 4.9      | 3.63 *   | 0.31     | 0.28     | 0.41     | 0.01     | 0.08     | 2.79     | 0.23     | 0.39     | 0.62     |
| Iron, Ferrous (mg/L)                   | 0.71              | 0.76     | NM       | NM       | 0        | 0        | 0        | 0        | 0        | NM       | NM       | 0.06     |
| Iron, Total (mg/L)                     | 0.9               | >1.0     | NM       | 0.08     | 0.06     | 0        | 0        | 0        | 0        | NM       | 0.57     | 0.1      |
| ORP (mV)                               | -53.9             | 71.3     | 130.2    | 91.3     | 144.1    | 6        | 286.5    | -14.3    | 79.2     | -13.8    | 129.7    | 190.6    |
| pH                                     | 6.89              | 7.42     | 7.13     | 7        | 7.02     | 6.95     | 7.01     | 7.05     | 7.4      | 6.97     | 7.03     | 6.92     |
| Specific Conductance (µS)              | 1,319             | 1,199    | 1,217    | 1,574    | 1,561    | 2,118    | 2,653    | 1,555    | 1,664    | 976      | 1,381    | 1,378    |
| Temperature (°C)                       | 17.93             | 3.03     | 15.2     | 16       | 8.38     | 15.16    | 9.41     | 31.78    | 9.71     | 13.38    | 13.35    | 9.45     |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L)            | NA                | NA       | NA       | 3.5      | 3.2      | NA       | NA       | NA       | NA       | NA       | 1.9      | 1.9      |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | MW-12 (continued) |          | MW-13    |          |          |          |          |          | MW-14D   |          |          |          |
|----------------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 09/04/01          | 03/11/02 | 12/01/99 | 09/14/00 | 03/28/01 | 09/05/01 | 03/11/02 | 09/10/02 | 03/05/03 | 05/10/00 | 07/12/00 | 09/13/00 |
| <b>VOC (µg/L)</b>          |                   |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25             | <0.25    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| 1,1-Dichloroethane         | <0.25             | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| 1,1-Dichloroethylene       | <0.25             | <0.25    | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| 1,2,4-Trimethylbenzene     | <0.10             | <0.10    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.10    | <0.10    | NA       |
| 1,3,5-Trimethylbenzene     | <0.10             | <0.10    | <0.64    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.10    | <0.10    | NA       |
| 1,4-Dichlorobenzene        | <0.25             | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | NA       |
| Benzene                    | <0.10             | <0.10    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.10    | <0.10    | NA       |
| Chloroethane               | <0.25             | <0.25    | <0.13    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | NA       |
| Chloroform                 | <0.25             | <0.25    | <0.4     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | NA       |
| Chloromethane              | <0.25             | <0.25    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | NA       |
| cis-1,2-Dichloroethylene   | 5.5               | 3.5      | <0.32    | <0.25    | <0.25    | <0.25    | 0.33     | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| Dichlorodifluoromethane    | <0.25             | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| Ethylbenzene               | <0.25             | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| Isopropylbenzene           | <0.25             | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | NA       |
| Methylene Chloride         | 1.8 L             | <0.25    | <2       | 1.3 L    | 0.77 L   | 1.4 L    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | NA       |
| Methyl-t-butyl ether       | <0.25             | <0.25    | <0.31    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| Naphthalene                | <0.25             | <0.25    | <0.88    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | NA       |
| n-Propylbenzene            | <0.25             | <0.25    | <0.3     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| sec-Butylbenzene           | <0.25             | <0.25    | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | NA       |
| Tetrachloroethylene        | <0.25             | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| Toluene                    | <0.10             | <0.10    | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | 1.1      | <0.25    | <0.10    | <0.10    | NA       |
| trans-1,2-Dichloroethylene | <0.25             | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| Trichloroethylene          | 2                 | 1.4      | <0.48    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | NA       |
| Trimethylbenzenes (Total)  | <0.2              | <0.2     | <0.99    | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.2     | <0.2     | NA       |
| Vinyl Chloride             | <0.25             | <0.25    | <0.15    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| Xylene, o                  | NA                | NA       | <0.32    | NA       |
| Xylenes, Total             | <0.25             | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.25    | <0.25    | NA       |
| <b>Gases</b>               |                   |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA                | NA       | NA       | 20.7     | 63       | NA       | NA       | NA       | NA       | 1.2      | 1.27     | NA       |
| Carbon Monoxide (mg/L)     | NA                | NA       | NA       | <0.40    | NA       | NA       | NA       | NA       | NA       | <0.40    | <0.40    | NA       |
| Ethane (µg/L)              | NA                | NA       | <0.5     | 0.018    | <0.005   | NA       | NA       | NA       | NA       | 0.117    | 0.052    | NA       |
| Ethylene (µg/L)            | NA                | NA       | <0.5     | 0.015    | <0.005   | NA       | NA       | NA       | NA       | 0.019    | 0.033    | NA       |
| Methane (µg/L)             | NA                | NA       | 37       | 3.505    | 1        | NA       | NA       | NA       | NA       | 1.446    | 0.59     | NA       |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-12 (continued) |          | MW-13    |          |          |          |          |          |          | MW-14D   |          |          |
|--|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 09/04/01          | 03/11/02 | 12/01/99 | 09/14/00 | 03/28/01 | 09/05/01 | 03/11/02 | 09/10/02 | 03/05/03 | 05/10/00 | 07/12/00 | 09/13/00 |
| <b>Gases (continued)</b>               |                   |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA                | NA       | NA       | 16.36    | 23       | NA       | NA       | NA       | NA       | 17.2     | 25.22    | NA       |
| Oxygen (mg/L)                          | NA                | NA       | NA       | 1.23     | 2.7      | NA       | NA       | NA       | NA       | 4.09     | 2.68     | NA       |
| <b>Field Data</b>                      |                   |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.86              | 0.53     | 0.14     | 0.19     | 0.15     | 0.26     | 0        | 0.11     | 0.14     | NM       | 5.78 *   | NM       |
| Iron, Ferrous (mg/L)                   | 0.9               | 0        | NM       | NM       | 0.24     | 0.22     | 0.08     | 1        | 0.24     | 0        | 0        | NA       |
| Iron, Total (mg/L)                     | >1                | 0        | NM       | 0.44     | 0.44     | 0.52     | 0.14     | >1.0     | 0.25     | 0.22     | 0.64     | NA       |
| ORP (mV)                               | 138.2             | 73.4     | -113.1   | -29      | -49.5    | -98.1    | -91.2    | -77.6    | -42      | 192.1    | 99.2     | NA       |
| pH                                     | 6.7               | 6.9      | 7.15     | 7.26     | 7.04     | 6.93     | 7.2      | 7.31     | 7.21     | 8.23     | 8.45     | NA       |
| Specific Conductance (µS)              | 1,322             | 1,670    | 862      | 807      | 1,190    | 1,094    | 853      | 975      | 1,286    | 899      | 856      | NA       |
| Temperature (°C)                       | 13.14             | 10.13    | 14.86    | 14.14    | 10.86    | 13.16    | 1216     | 14.52    | 11.44    | 12.53    | 14.11    | NA       |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | <50      | NA       |
| Total Organic Carbon (mg/L)            | NA                | NA       | NA       | 5.1      | 3.6      | NA       | NA       | NA       | NA       | 2.7      | 2.4      | NA       |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | MW-14D (continued) |          |          |          |          |          |          |          |          |          | MW-14S   |          |
|----------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 09/13/00           | 11/08/00 | 11/08/00 | 01/05/01 | 03/29/01 | 09/07/01 | 12/14/01 | 03/06/02 | 09/12/02 | 03/06/03 | 12/02/99 | 12/02/99 |
| <b>VOC (µg/L)</b>          |                    |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25              | NA       | <0.25    | <0.25    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.45    | NA       |
| 1,1-Dichloroethane         | <0.25              | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.34    | NA       |
| 1,1-Dichloroethylene       | <0.25              | NA       | <0.25    | <0.25    | <0.73    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.39    | NA       |
| 1,2,4-Trimethylbenzene     | <0.10              | NA       | <0.10    | <0.10    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.35    | NA       |
| 1,3,5-Trimethylbenzene     | <0.10              | NA       | <0.10    | <0.10    | <0.33    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.64    | NA       |
| 1,4-Dichlorobenzene        | <0.25              | NA       | <0.25    | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.28    | NA       |
| Benzene                    | <0.10              | NA       | <0.10    | <0.10    | <0.31    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.32    | NA       |
| Chloroethane               | <0.25              | NA       | <0.25    | <0.25    | <1.2     | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     | <0.13    | NA       |
| Chloroform                 | <0.25              | NA       | <0.25    | <0.25    | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.4     | NA       |
| Chloromethane              | <0.25              | NA       | <0.25    | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | 0.62 B   | <0.25    | <0.18    | NA       |
| cis-1,2-Dichloroethylene   | <0.25              | NA       | <0.25    | <0.25    | <0.23    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 1.6      | NA       |
| Dichlorodifluoromethane    | <0.25              | NA       | <0.25    | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.28    | NA       |
| Ethylbenzene               | <0.25              | NA       | <0.25    | <0.25    | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.34    | NA       |
| Isopropylbenzene           | <0.25              | NA       | <0.25    | <0.25    | <0.36    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | NA       |
| Methylene Chloride         | <0.25              | NA       | 0.28 L   | <0.25    | <0.87    | <0.25    | 1.1 L    | <0.25    | <0.25    | <1.0     | <2       | NA       |
| Methyl-t-butyl ether       | <0.25              | NA       | <0.25    | <0.25    | <0.14    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.31    | NA       |
| Naphthalene                | <0.25              | NA       | <0.25    | <0.25    | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.88    | NA       |
| n-Propylbenzene            | <0.25              | NA       | <0.25    | <0.25    | <0.46    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.3     | NA       |
| sec-Butylbenzene           | <0.25              | NA       | <0.25    | <0.25    | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34    | NA       |
| Tetrachloroethylene        | <0.25              | NA       | <0.25    | <0.25    | <0.63    | <0.25    | <2.25    | <0.25    | <0.25    | <0.50    | 3.9      | NA       |
| Toluene                    | <0.10              | NA       | <0.10    | <0.10    | <0.39    | <0.10    | <0.10    | <0.10    | 0.26 B   | <0.25    | <0.35    | NA       |
| trans-1,2-Dichloroethylene | <0.25              | NA       | <0.25    | <0.25    | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.38    | NA       |
| Trichloroethylene          | <0.25              | NA       | <0.25    | <0.25    | <0.49    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 0.61 J   | NA       |
| Trimethylbenzenes (Total)  | <0.2               | NA       | <0.2     | <0.2     | <0.65    | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.99    | NA       |
| Vinyl Chloride             | <0.25              | NA       | <0.25    | <0.25    | <0.46    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.15    | NA       |
| Xylene, o                  | NA                 | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | <0.32    | NA       |
| Xylenes, Total             | <0.25              | NA       | <0.25    | <0.25    | <1.1     | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | NA       | NA       |
| <b>Gases</b>               |                    |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 1.91               | NA       | 1.61     | 1.4      | 2.3      | NA       | 1.1      | NA       | NA       | NA       | NA       | NA       |
| Carbon Monoxide (mg/L)     | <0.40              | NA       | <0.40    | NA       |
| Ethane (µg/L)              | <0.005             | NA       | <0.005   | 0.011    | 0.0079   | NA       | 0.055    | NA       | NA       | NA       | <0.5     | NA       |
| Ethylene (µg/L)            | <0.005             | NA       | <0.005   | <0.005   | 0.0083   | NA       | 0.015    | NA       | NA       | NA       | <0.5     | NA       |
| Methane (µg/L)             | 0.848              | NA       | 1.524    | 1.6      | 0.17     | NA       | 3.2      | NA       | NA       | NA       | 150      | NA       |

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Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-14D (continued) |          |          |          |          |          |          |          |          |          | MW-14S   |          |
|--|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 09/13/00           | 11/08/00 | 11/08/00 | 01/05/01 | 03/29/01 | 09/07/01 | 12/14/01 | 03/06/02 | 09/12/02 | 03/06/03 | 12/02/99 | 12/02/99 |
| <b>Gases (continued)</b>               |                    |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | 21.7               | NA       | 21.96    | 22       | 18       | NA       | 20       | NA       | NA       | NA       | NA       | NA       |
| Oxygen (mg/L)                          | 2.11               | NA       | 1.45     | 9.9      | 8.8      | NA       | 11       | NA       | NA       | NA       | NA       | NA       |
| <b>Field Data</b>                      |                    |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | NA                 | NM       | NA       | 7.65 *   | NM       | NM       | NM       | NM       | NM       | NM       | NA       | 7.23 *   |
| Iron, Ferrous (mg/L)                   | NM                 | NM       | NA       | NM       | NA       |
| Iron, Total (mg/L)                     | NM                 | NM       | NA       | NM       | NA       |
| ORP (mV)                               | NM                 | NM       | NA       | 150.8    | NM       | NM       | NM       | NM       | NM       | NM       | 21.7     | NA       |
| pH                                     | NM                 | NM       | NA       | 7.85     | NM       | NM       | NM       | NM       | NM       | NM       | 6.98     | NA       |
| Specific Conductance (µS)              | NM                 | NM       | NA       | 889      | NM       | NM       | NM       | NM       | NM       | NM       | 4,210    | NA       |
| Temperature (°C)                       | NM                 | NM       | NA       | 10.07    | NM       | NM       | NM       | NM       | NM       | NM       | 13.51    | NA       |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                 | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Total Organic Carbon (mg/L)            | 2.3                | NA       | 2.5      | 2.4      | 1.9      | NA       | 2        | NA       | NA       | NA       | 11       | NA       |

|             |   |
|-------------|---|
|             | Constituent concentration exceeds Chapter NR 140 PAL.   |
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES.  |
| <           | Constituent not present above method detection limit, which is the value following the "<" sign.                    |
| >           | Constituent present above the field detection limit, which is the value following the ">" sign.                     |
| *           | Data Suspect.   |
| B           | Blank is contaminated.  |
| °C          | Degrees Celsius.  |
| C           | Standard outside of control limits.   |
| ES          | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.    |
| ET          | Matrix interference in sample is causing an endpoint timeout.   |
| J           | Estimated concentration.  |
| L           | Common lab solvent and contaminant.   |
| M           | Matrix interference.  |
| µS          | Micro siemens.  |
| µg/L        | Micrograms per liter.   |
| mg/L        | Milligrams per liter.   |
| mV          | Millivolt.  |
| NA          | Not analyzed.   |
| NE          | Chapter NR 140 Groundwater Quality Standards not established for constituent.                                       |
| PAL         | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
| VOCs        | Volatile organic compounds.   |

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.                | MW-14S (continued) |          |          |          |          |          |          |          |          |          |          |          |
|----------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Sample Date                | 05/10/00           | 07/11/00 | 09/13/00 | 09/13/00 | 11/08/00 | 01/05/01 | 03/28/01 | 09/07/01 | 12/13/01 | 03/06/02 | 09/12/02 | 03/06/03 |
| <b>VOC (µg/L)</b>          |                    |          |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| 1,1-Dichloroethane         | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| 1,1-Dichloroethylene       | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| 1,2,4-Trimethylbenzene     | <0.10              | <0.10    | NA       | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    |
| 1,3,5-Trimethylbenzene     | <0.10              | <0.10    | NA       | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    |
| 1,4-Dichlorobenzene        | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.10              | <0.10    | NA       | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    |
| Chloroethane               | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <1.0     |
| Chloroform                 | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 0.46 B   | <0.25    |
| cis-1,2-Dichloroethylene   | 0.99               | <0.25    | NA       | <0.25    | 1.9      | 0.97     | 1.5      | 2.1      | 1.4      | 1.2      | 3        | 2        |
| Dichlorodifluoromethane    | 0.26               | <0.25    | NA       | <0.25    | 0.53     | 0.56     | 0.73     | 0.77     | 0.33     | 0.36     | 0.42     | <0.50    |
| Ethylbenzene               | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| Isopropylbenzene           | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <0.25              | <0.25    | NA       | 2.7 L    | <0.25    | <0.25    | 0.48 L   | <0.25    | 0.63 L   | <0.25    | <0.25    | <1.0     |
| Methyl-t-butyl ether       | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| Naphthalene                | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| sec-Butylbenzene           | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | 2.5                | 3.7      | NA       | 3.1      | 2.3      | 2.6      | 1.9      | 3        | 2.7      | 2.3      | 0.78     | 2.2      |
| Toluene                    | 5.1                | <0.10    | NA       | 0.12     | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | <0.10    | 0.17 B   | <0.25    |
| trans-1,2-Dichloroethylene | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| Trichloroethylene          | 0.28               | 0.26     | NA       | <0.25    | 0.35     | <0.25    | <0.25    | 0.47     | 0.29     | 0.26     | 0.45     | 0.39     |
| Trimethylbenzenes (Total)  | <0.2               | <0.2     | NA       | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     |
| Vinyl Chloride             | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | 0.35     | <0.50    |
| Xylene, o                  | NA                 | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <0.25              | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    |
| <b>Gases</b>               |                    |          |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | 103.1              | 132.02   | NA       | 132      | 151.2    | 120      | 140      | NA       | 75       | NA       | NA       | NA       |
| Carbon Monoxide (mg/L)     | <0.40              | <0.40    | NA       | <0.40    | <0.40    | NA       |
| Ethane (µg/L)              | <0.005             | 0.017    | NA       | <0.005   | <0.005   | 0.19     | <0.005   | NA       | <0.005   | NA       | NA       | NA       |
| Ethylene (µg/L)            | <0.005             | 0.015    | NA       | <0.005   | <0.005   | 0.041    | <0.005   | NA       | <0.005   | NA       | NA       | NA       |
| Methane (µg/L)             | 0.217              | 4.776    | NA       | 0.433    | 1.217    | 180      | 2.5      | NA       | 2.6      | NA       | NA       | NA       |

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Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-14S (continued) |          |          |          |          |          |          |          |          |          |          |          |
|--|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 05/10/00           | 07/11/00 | 09/13/00 | 09/13/00 | 11/08/00 | 01/05/01 | 03/28/01 | 09/07/01 | 12/13/01 | 03/06/02 | 09/12/02 | 03/06/03 |
| <b>Gases (continued)</b>               |                    |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | 18.54              | 15.62    | NA       | 14.5     | 17.28    | 23       | 21       | NA       | 16       | NA       | NA       | NA       |
| Oxygen (mg/L)                          | 2.26               | 3.33     | NA       | 2.42     | 1.8      | 2.3      | 1.4      | NA       | 7.7      | NA       | NA       | NA       |
| <b>Field Data</b>                      |                    |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.2                | 2.1      | 0.14     | NA       | 0.66     | 0.53     | 0.15     | 0.14     | 0.16     | 0.38     | 3.23 *   | 0.21     |
| Iron, Ferrous (mg/L)                   | 0                  | 0        | NA       | NM       | NM       | 0        | 0.14     | 0        | 0        | 0        | 0.32     | 0        |
| Iron, Total (mg/L)                     | 0                  | 0        | NA       | 0.05     | 0.04     | 0.24     | 0.14     | 0        | 0        | 0.04     | 0.65     | 0.04     |
| ORP (mV)                               | -4.9               | 146.9    | NA       | -110.8   | 73.2     | 67.8     | 66       | -226.5   | -30.9    | 21.7     | -155.3   | -21.8    |
| pH                                     | 6.83               | 12.13 *  | NA       | 6.85     | 6.78     | 6.81     | 6.92     | 6.86     | 6.81     | 6.83     | 6.78     | 6.97     |
| Specific Conductance (µS)              | 3,358              | 794      | NA       | 3,884    | 1,996    | 1,803    | 4,308    | 4,804    | 4,553    | 4,393    | 4,892    | 5,826    |
| Temperature (°C)                       | 9.06               | 17.9     | NA       | 16.77    | 13.57    | 6.37     | 6.29     | 16.94    | 12.72    | 7.44     | 19.34    | 7.18     |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                 | 330      | NA       |
| Total Organic Carbon (mg/L)            | 7                  | 6.9      | NA       | 8.5      | 8.4      | 8        | 10       | NA       | 10       | NA       | NA       | NA       |

|             |   |
|-------------|---|
|             | Constituent concentration exceeds Chapter NR 140 PAL.   |
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES.  |
| <           | Constituent not present above method detection limit, which is the value following the "<" sign.                    |
| >           | Constituent present above the field detection limit, which is the value following the ">" sign.                     |
| *           | Data Suspect.   |
| B           | Blank is contaminated.  |
| °C          | Degrees Celsius.  |
| C           | Standard outside of control limits.   |
| ES          | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.    |
| ET          | Matrix interference in sample is causing an endpoint timeout.   |
| J           | Estimated concentration.  |
| L           | Common lab solvent and contaminant.   |
| M           | Matrix interference.  |
| µS          | Micro siemens.  |
| µg/L        | Micrograms per liter.   |
| mg/L        | Milligrams per liter.   |
| mV          | Millivolt.  |
| NA          | Not analyzed.   |
| NE          | Chapter NR 140 Groundwater Quality Standards not established for constituent.                                       |
| PAL         | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
| VOCs        | Volatile organic compounds.   |

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | MW-14S (continued) |          | MW-15    |          |          |          |          |          |          |          |          |
|----------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                            | 03/03/04           | 03/09/05 | 07/10/00 | 09/12/00 | 09/12/00 | 03/28/01 | 09/06/01 | 03/07/02 | 04/18/02 | 09/12/02 | 03/05/03 |
| <b>VOC (µg/L)</b>          |                    |          |          |          |          |          |          |          |          |          |          |
| 1,1,1-Trichloroethane      | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| 1,1-Dichloroethane         | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| 1,1-Dichloroethylene       | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| 1,2,4-Trimethylbenzene     | <0.20              | <0.20    | <0.10    | NA       | <0.10    | <0.10    | <0.10    | <0.40    | <0.10    | <0.10    | <0.25    |
| 1,3,5-Trimethylbenzene     | <0.20              | <0.20    | <0.10    | NA       | <0.10    | <0.10    | <0.10    | <0.40    | <0.10    | <0.10    | <0.25    |
| 1,4-Dichlorobenzene        | <0.20              | <0.20    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.25    |
| Benzene                    | <0.20              | <0.20    | <0.10    | NA       | <0.10    | <0.10    | <0.10    | <0.40    | <0.10    | <0.10    | <0.25    |
| Chloroethane               | <1.0               | <1.0     | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <1.0     |
| Chloroform                 | <0.20              | <0.20    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.25    |
| Chloromethane              | <0.20              | <0.20    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | 0.46 B   | <0.25    |
| cis-1,2-Dichloroethylene   | 1                  | 0.92     | <0.25    | NA       | <0.25    | <0.25    | <0.25    | 100      | 1.9      | <0.25    | <0.50    |
| Dichlorodifluoromethane    | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| Ethylbenzene               | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| Isopropylbenzene           | <0.20              | <0.20    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.25    |
| Methylene Chloride         | <1.0               | <1.0     | <0.25    | NA       | 2.8 L    | 0.26 L   | 0.25 L   | <1.0     | <0.25    | <0.25    | <1.0     |
| Methyl-t-butyl ether       | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| Naphthalene                | <0.25              | <0.25    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.25    |
| n-Propylbenzene            | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| sec-Butylbenzene           | <0.25              | <0.25    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.25    |
| Tetrachloroethylene        | 2.1                | 1.5      | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| Toluene                    | <0.20              | <0.20    | <0.10    | NA       | <0.10    | <0.10    | <0.10    | <0.40    | <0.10    | 0.23 B   | <0.25    |
| trans-1,2-Dichloroethylene | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| Trichloroethylene          | 0.4                | 0.22     | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.25    |
| Trimethylbenzenes (Total)  | <0.4               | <0.4     | <0.2     | NA       | <0.2     | <0.2     | <0.2     | <0.8     | <0.2     | <0.2     | <0.5     |
| Vinyl Chloride             | <0.20              | <0.20    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | 31       | 1.2      | <0.25    | <0.50    |
| Xylene, o                  | NA                 | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       | NA       |
| Xylenes, Total             | <0.50              | <0.50    | <0.25    | NA       | <0.25    | <0.25    | <0.25    | <1.0     | <0.25    | <0.25    | <0.50    |
| <b>Gases</b>               |                    |          |          |          |          |          |          |          |          |          |          |
| Carbon Dioxide (mg/L)      | NA                 | NA       | 170.12   | NA       | 151      | 180      | NA       | NA       | NA       | NA       | NA       |
| Carbon Monoxide (mg/L)     | NA                 | NA       | <0.40    | NA       | <0.40    | NA       | NA       | NA       | NA       | NA       | NA       |
| Ethane (µg/L)              | NA                 | NA       | 0.084    | NA       | 0.155    | 0.13     | NA       | NA       | NA       | NA       | NA       |
| Ethylene (µg/L)            | NA                 | NA       | <0.005   | NA       | 0.013    | 0.011    | NA       | NA       | NA       | NA       | NA       |
| Methane (µg/L)             | NA                 | NA       | 630      | NA       | 1.26     | 1200     | NA       | NA       | NA       | NA       | NA       |

Footnotes on Page 84.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | MW-14S (continued) |          |          |          |          | MW-15    |          |          |          |          |          |
|--|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 03/03/04           | 03/09/05 | 07/10/00 | 09/12/00 | 09/12/00 | 03/28/01 | 09/06/01 | 03/07/02 | 04/18/02 | 09/12/02 | 03/05/03 |
| <b>Gases (continued)</b>               |                    |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA                 | NA       | 17.08    | NA       | 14.9     | 17       | NA       | NA       | NA       | NA       | NA       |
| Oxygen (mg/L)                          | NA                 | NA       | 1.02     | NA       | 0.85     | 1.1      | NA       | NA       | NA       | NA       | NA       |
| <b>Field Data</b>                      |                    |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.11               | 0.37     | 0.46     | 0.88     | NA       | 0.1      | 0.09     | 3.31 *   | NA       | 0.35     | 0.15     |
| Iron, Ferrous (mg/L)                   | 0                  | NA       | 1        | NA       | NM       | 0.88     | 0.3      | 0.36     | NA       | >1.0     | NM       |
| Iron, Total (mg/L)                     | 0                  | NA       | 1        | NA       | >1       | >1       | 0.66     | >1       | NA       | >1.0     | NM       |
| ORP (mV)                               | -23.5              | -38.5    | -70.3    | NA       | -101.7   | -73.9    | -170.2   | -91      | NA       | -82.3    | -48.9    |
| pH                                     | 6.91               | 6.87     | 6.3      | NA       | 6.79     | 6.71     | 6.74     | 6.69     | NA       | 6.93     | 7.11     |
| Specific Conductance (µS)              | 6,349              | 4,651    | 6,025    | NA       | 6,238    | 5,842    | 6,996    | 6,888    | NA       | 6,114    | 5,302    |
| Temperature (°C)                       | 7.12               | 6.8      | 16.79    | NA       | 12.9     | 12.4     | 12.65    | 12.72    | NA       | 12.78    | 4.34     |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                 | NA       | 480      | NA       |
| Total Organic Carbon (mg/L)            | NA                 | NA       | 0.85     | NA       | 0.86     | 0.92     | NA       | NA       | NA       | NA       | NA       |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

< Constituent not present above method detection limit, which is the value following the "<" sign.

> Constituent present above the field detection limit, which is the value following the ">" sign.

\* Data Suspect.

B Blank is contaminated.

°C Degrees Celsius.

C Standard outside of control limits.

ES Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code.

ET Matrix interference in sample is causing an endpoint timeout.

J Estimated concentration.

L Common lab solvent and contaminant.

M Matrix interference.

µS Micro siemens.

µg/L Micrograms per liter.

mg/L Milligrams per liter.

mV Millivolt.

NA Not analyzed.

NE Chapter NR 140 Groundwater Quality Standards not established for constituent.

PAL Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code.

VOCs Volatile organic compounds.

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | WGMW-1C  |          |          |          |          |          | WGMW-2B       |            |            |              |           |           |
|----------------------------|----------|----------|----------|----------|----------|----------|---------------|------------|------------|--------------|-----------|-----------|
|                            | 12/02/99 | 09/19/00 | 09/06/01 | 03/11/02 | 09/11/02 | 03/05/03 | 12/02/99      | 09/20/00   | 03/30/01   | 09/05/01     | 03/12/02  | 09/11/02  |
| <b>VOC (µg/L)</b>          |          |          |          |          |          |          |               |            |            |              |           |           |
| 1,1,1-Trichloroethane      | <0.45    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.45         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| 1,1-Dichloroethane         | <0.34    | <0.25    | 0.36     | <0.25    | <0.25    | <0.50    | <0.34         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| 1,1-Dichloroethylene       | <0.39    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.39         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| 1,2,4-Trimethylbenzene     | <0.35    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.35         | <0.20      | <0.10      | <0.10        | <0.10     | <0.10     |
| 1,3,5-Trimethylbenzene     | <0.64    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.64         | <0.20      | <0.10      | <0.10        | <0.10     | <0.10     |
| 1,4-Dichlorobenzene        | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.28         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Benzene                    | <0.32    | <0.10    | <0.10    | <0.10    | <0.10    | <0.25    | <0.32         | <0.20      | <0.10      | <0.10        | <0.10     | <0.10     |
| Chloroethane               | 11       | 5.1      | 6.9      | 1.4      | 2.3      | <1.0     | <0.13         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Chloroform                 | <0.4     | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.4          | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Chloromethane              | <0.18    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.18         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| cis-1,2-Dichloroethylene   | <0.32    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <b>200</b>    | <b>89</b>  | <b>36</b>  | <b>60</b>    | <b>38</b> | <b>40</b> |
| Dichlorodifluoromethane    | <0.28    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.28         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Ethylbenzene               | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.34         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Isopropylbenzene           | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Methylene Chloride         | <2       | 0.25 L   | <0.25    | <0.25    | <0.25    | <1.0     | <2            | <0.50      | <0.25      | <b>1.2 L</b> | <0.25     | <0.25     |
| Methyl-t-butyl ether       | 7.1      | 1.7      | 1.4      | <0.25    | 0.54     | <0.50    | <0.31         | 0.8        | 1          | 0.85         | 0.79      | 0.53      |
| Naphthalene                | <0.88    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.88         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| n-Propylbenzene            | <0.3     | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.3          | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| sec-Butylbenzene           | <0.34    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <0.34         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Tetrachloroethylene        | <0.35    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <0.35         | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Toluene                    | <0.35    | 0.17     | <0.10    | 0.12     | 0.24     | <0.25    | <0.35         | <0.20      | <0.10      | <0.10        | <0.10     | 0.57      |
| trans-1,2-Dichloroethylene | <0.38    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | 1.8           | 0.86       | <0.25      | 0.64         | 0.44      | 0.47      |
| Trichloroethylene          | <0.48    | <0.25    | <0.25    | <0.25    | <0.25    | <0.25    | <b>0.86 J</b> | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| Trimethylbenzenes (Total)  | <0.99    | <0.2     | <0.2     | <0.2     | <0.2     | <0.5     | <0.99         | <0.4       | <0.2       | <0.2         | <0.2      | <0.2      |
| Vinyl Chloride             | <0.15    | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | <b>35</b>     | <b>9.4</b> | <b>5.4</b> | <b>17</b>    | <b>16</b> | <b>15</b> |
| Xylene, o                  | <0.32    | NA       | NA       | NA       | NA       | NA       | <0.32         | NA         | NA         | NA           | NA        | NA        |
| Xylenes, Total             | NA       | <0.25    | <0.25    | <0.25    | <0.25    | <0.50    | NA            | <0.50      | <0.25      | <0.25        | <0.25     | <0.25     |
| <b>Gases</b>               |          |          |          |          |          |          |               |            |            |              |           |           |
| Carbon Dioxide (mg/L)      | NA       | 66.9     | 83       | 38       | 75       | NA       | NA            | 60         | 71         | 80           | 76        | 69        |
| Carbon Monoxide (mg/L)     | NA       | <0.4     | NA       | NA       | NA       | NA       | NA            | <0.4       | NA         | NA           | NA        | NA        |
| Ethane (µg/L)              | 11       | 0.135    | 1.1      | 0.065    | <0.005   | NA       | <0.5          | 0.025      | <0.005     | 0.13         | 0.023     | 0.0086    |
| Ethylene (µg/L)            | <0.5     | <0.005   | 0.014    | <0.005   | <0.005   | NA       | <0.5          | 0.036      | <0.005     | 0.081        | 0.016     | <0.005    |
| Methane (µg/L)             | 110      | 46.04    | 310      | 0.044    | <0.015   | NA       | 480           | 130        | 0.066      | 330          | 19        | 0.061     |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | WGMW-1C  |          |          |          |          |          | WGMW-2B  |          |          |          |          |          |
|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|  | 12/02/99 | 09/19/00 | 09/06/01 | 03/11/02 | 09/11/02 | 03/05/03 | 12/02/99 | 09/20/00 | 03/30/01 | 09/05/01 | 03/12/02 | 09/11/02 |
| <b>Gases (continued)</b>               |          |          |          |          |          |          |          |          |          |          |          |          |
| Nitrogen (mg/L)                        | NA       | 14.44    | 17       | 18       | 16       | NA       | NA       | 17.06    | 20       | 20       | 16       | 20       |
| Oxygen (mg/L)                          | NA       | 0.77     | 0.64     | 9.6      | 4.8      | NA       | NA       | 0.91     | 1.3      | 0.82     | 5.4      | 5.9      |
| <b>Field Data</b>                      |          |          |          |          |          |          |          |          |          |          |          |          |
| DO (mg/L)                              | 0.36     | 0.22     | 0.14     | 5.66 *   | 0.77     | 0.18     | 0.21     | 0.11     | 0.07     | 0.31     | -0.03 *  | 0.18     |
| Iron, Ferrous (mg/L)                   | NM       | NM       | 0.9      | 0.03     | 0        | 0.2      | NM       | NM       | 0.66     | NM       | 0.34     | >1.0     |
| Iron, Total (mg/L)                     | NM       | >1       | 1        | 0.07     | 0        | 0.24     | NM       | >1       | >1       | NM       | 0.74     | >1.0     |
| ORP (mV)                               | -96.5    | -62.7    | -164.1   | 121.6    | -20.1    | -88.7    | -49.6    | -24.4    | -60.7    | -58.5    | 11.6     | -74.5    |
| pH                                     | 7.05     | 6.88     | 7.02     | 7.11     | 7.29     | 7.32     | 6.99     | 6.87     | 7        | 6.73     | 6.91     | 7.04     |
| Specific Conductance (µS)              | 3,409    | 2,751    | 3,103    | 3,232    | 2,844    | 2,733    | 2,203    | 2,020    | 2,431    | 2,690    | 3,472    | 3,390    |
| Temperature (°C)                       | 12.81    | 12.19    | 11.46    | 11.17    | 11.53    | 10.96    | 12.95    | 12.13    | 10.05    | 12.23    | 11.14    | 12.93    |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA       |
| Total Organic Carbon (mg/L)            | 12       | 10       | 7        | 11       | 10       | NA       | NA       | <1       | 4.8      | 5.9      | 4.8      | 8.7      |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

|   |  |
|---|--|
| < | Constituent not present above method detection limit, which is the value following the "<" sign. |
|---|--|

|   |   |
|---|---|
| > | Constituent present above the field detection limit, which is the value following the ">" sign. |
|---|---|

|   |               |
|---|---------------|
| * | Data Suspect. |
|---|---------------|

|   |                        |
|---|------------------------|
| B | Blank is contaminated. |
|---|------------------------|

|    |                  |
|----|------------------|
| °C | Degrees Celsius. |
|----|------------------|

|   |                                     |
|---|-------------------------------------|
| C | Standard outside of control limits. |
|---|-------------------------------------|

|    |  |
|----|--|
| ES | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
|----|--|

|    |   |
|----|---|
| ET | Matrix Interference in sample is causing an endpoint timeout. |
|----|---|

|   |                          |
|---|--------------------------|
| J | Estimated concentration. |
|---|--------------------------|

|   |                                     |
|---|-------------------------------------|
| L | Common lab solvent and contaminant. |
|---|-------------------------------------|

|   |                      |
|---|----------------------|
| M | Matrix interference. |
|---|----------------------|

|    |                |
|----|----------------|
| µS | Micro siemens. |
|----|----------------|

|      |                       |
|------|-----------------------|
| µg/L | Micrograms per liter. |
|------|-----------------------|

|      |                       |
|------|-----------------------|
| mg/L | Milligrams per liter. |
|------|-----------------------|

|    |            |
|----|------------|
| mV | Millivolt. |
|----|------------|

|    |               |
|----|---------------|
| NA | Not analyzed. |
|----|---------------|

|    |   |
|----|---|
| NE | Chapter NR 140 Groundwater Quality Standards not established for constituent. |
|----|---|

|     |   |
|-----|---|
| PAL | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
|-----|---|

|      |                             |
|------|-----------------------------|
| VOCs | Volatile organic compounds. |
|------|-----------------------------|

## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date | WGMW-2B (continued) |          |          | ES     | PAL   |
|----------------------------|---------------------|----------|----------|--------|-------|
|                            | 03/04/03            | 03/04/04 | 03/10/05 |        |       |
| <b>VOC (µg/L)</b>          |                     |          |          |        |       |
| 1,1,1-Trichloroethane      | <0.50               | <0.50    | <0.50    | 200    | 40    |
| 1,1-Dichloroethane         | <0.50               | <0.50    | <0.50    | 850    | 85    |
| 1,1-Dichloroethylene       | <0.50               | <0.50    | <0.50    | 7      | 0.7   |
| 1,2,4-Trimethylbenzene     | <0.25               | <0.20    | <0.20    | NA     | NA    |
| 1,3,5-Trimethylbenzene     | <0.25               | <0.20    | <0.20    | NA     | NA    |
| 1,4-Dichlorobenzene        | <0.25               | <0.20    | <0.20    | 75     | 15    |
| Benzene                    | <0.25               | <0.20    | <0.20    | 5      | 0.5   |
| Chloroethane               | <1.0                | <1.0     | <1.0     | 400    | 80    |
| Chloroform                 | <0.25               | <0.20    | <0.20    | 6      | 0.6   |
| Chloromethane              | <0.25               | <0.20    | <0.20    | 3      | 0.3   |
| cis-1,2-Dichloroethylene   | 17                  | 13       | 6.3      | 70     | 7     |
| Dichlorodifluoromethane    | <0.50               | <0.50    | <0.50    | 1,000  | 200   |
| Ethylbenzene               | <0.50               | <0.50    | <0.50    | 700    | 140   |
| Isopropylbenzene           | <0.25               | <0.20    | <0.20    | NA     | NA    |
| Methylene Chloride         | 1 L                 | <1.0     | <1.0     | 5      | 0.5   |
| Methyl-t-butyl ether       | <0.50               | <0.50    | <0.50    | 60     | 12    |
| Naphthalene                | <0.25               | <0.25    | <0.25    | 40     | 8     |
| n-Propylbenzene            | <0.50               | <0.50    | <0.50    | NA     | NA    |
| sec-Butylbenzene           | <0.25               | <0.25    | <0.25    | NA     | NA    |
| Tetrachloroethylene        | <0.50               | <0.50    | <0.50    | 5      | 0.5   |
| Toluene                    | <0.25               | <0.20    | <0.20    | 1,000  | 200   |
| trans-1,2-Dichloroethylene | <0.50               | <0.50    | <0.50    | 100    | 20    |
| Trichloroethylene          | <0.25               | <0.20    | <0.20    | 5      | 0.5   |
| Trimethylbenzenes (Total)  | <0.5                | <0.4     | <0.4     | NA     | NA    |
| Vinyl Chloride             | 22                  | 16       | 4.8      | 0.2    | 0.02  |
| Xylene, o                  | NA                  | NA       | NA       | NA     | NA    |
| Xylenes, Total             | <0.50               | <0.50    | <0.50    | 10,000 | 1,000 |
| <b>Gases</b>               |                     |          |          |        |       |
| Carbon Dioxide (mg/L)      | NA                  | NA       | NA       | NA     | NA    |
| Carbon Monoxide (mg/L)     | NA                  | NA       | NA       | NA     | NA    |
| Ethane (µg/L)              | NA                  | NA       | NA       | NA     | NA    |
| Ethylene (µg/L)            | NA                  | NA       | NA       | NA     | NA    |
| Methane (µg/L)             | NA                  | NA       | NA       | NA     | NA    |

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## ARCADIS

Table 1. Groundwater Analytical Results, Crestwood Site, Glendale, Wisconsin.

| Sample I.D.<br>Sample Date             | WGMW-2B (continued) |          |          | ES | PAL |
|--|---------------------|----------|----------|----|-----|
|  | 03/04/03            | 03/04/04 | 03/10/05 |    |     |
| <b>Gases (continued)</b>               |                     |          |          |    |     |
| Nitrogen (mg/L)                        | NA                  | NA       | NA       | NA | NA  |
| Oxygen (mg/L)                          | NA                  | NA       | NA       | NA | NA  |
| <b>Field Data</b>                      |                     |          |          |    |     |
| DO (mg/L)                              | 0.25                | 0.09     | 0.41     | NA | NA  |
| Iron, Ferrous (mg/L)                   | 0.5                 | 0.38     | NA       | NA | NA  |
| Iron, Total (mg/L)                     | 0.5                 | 0.62     | NA       | NA | NA  |
| ORP (mV)                               | -0.8                | -71.2    | -76.1    | NA | NA  |
| pH                                     | 7                   | 6.88     | 6.86     | NA | NA  |
| Specific Conductance (µS)              | 3,060               | 2,935    | 3,408    | NA | NA  |
| Temperature (°C)                       | 9.39                | 11.29    | 11.05    | NA | NA  |
| Alkalinity, total (CaCO <sub>3</sub> ) | NA                  | NA       | NA       | NA | NA  |
| Total Organic Carbon (mg/L)            | NA                  | NA       | NA       | NA | NA  |

|  |   |
|--|---|
|  | Constituent concentration exceeds Chapter NR 140 PAL. |
|--|---|

|             |  |
|-------------|--|
| <b>Bold</b> | Constituent concentration exceeds Chapter NR 140 ES. |
|-------------|--|

|   |  |
|---|--|
| < | Constituent not present above method detection limit, which is the value following the "<" sign. |
|---|--|

|   |   |
|---|---|
| > | Constituent present above the field detection limit, which is the value following the ">" sign. |
|---|---|

|   |               |
|---|---------------|
| * | Data Suspect. |
|---|---------------|

|   |                        |
|---|------------------------|
| B | Blank is contaminated. |
|---|------------------------|

|    |                  |
|----|------------------|
| °C | Degrees Celsius. |
|----|------------------|

|   |                                     |
|---|-------------------------------------|
| C | Standard outside of control limits. |
|---|-------------------------------------|

|    |  |
|----|--|
| ES | Groundwater Quality Enforcement Standard, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
|----|--|

|    |   |
|----|---|
| ET | Matrix Interference in sample is causing an endpoint timeout. |
|----|---|

|   |                          |
|---|--------------------------|
| J | Estimated concentration. |
|---|--------------------------|

|   |                                     |
|---|-------------------------------------|
| L | Common lab solvent and contaminant. |
|---|-------------------------------------|

|   |                      |
|---|----------------------|
| M | Matrix interference. |
|---|----------------------|

|    |                |
|----|----------------|
| µS | Micro siemens. |
|----|----------------|

|      |                       |
|------|-----------------------|
| µg/L | Micrograms per liter. |
|------|-----------------------|

|      |                       |
|------|-----------------------|
| mg/L | Milligrams per liter. |
|------|-----------------------|

|    |            |
|----|------------|
| mV | Millivolt. |
|----|------------|

|    |               |
|----|---------------|
| NA | Not analyzed. |
|----|---------------|

|    |   |
|----|---|
| NE | Chapter NR 140 Groundwater Quality Standards not established for constituent. |
|----|---|

|     |   |
|-----|---|
| PAL | Groundwater Quality Preventive Action Limit, as established in Chapter NR 140 of the Wisconsin Administrative Code. |
|-----|---|

|      |                             |
|------|-----------------------------|
| VOCs | Volatile organic compounds. |
|------|-----------------------------|

Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| AGMW-115R | 09/08/03      | 641.02        | 10            | --               | 18.15          | 622.87                |
| AGMW-115R | 03/01/04      | 641.02        | 10            | --               | 18.2           | 622.82                |
| AGMW-115R | 09/07/04      | 641.02        | 10            | --               | 17.94          | 623.08                |
| AGMW-115R | 03/07/05      | 641.02        | 10            | --               | 18.01          | 623.01                |
| AGMW-115R | 06/07/06      | 641.02        | 10            | --               | 17.92          | 623.1                 |
| AGMW-116  | 07/07/00      | 629.72        | 10            | 627.00           | 5.9            | 623.82                |
| AGMW-116  | 10/20/00      | 629.72        | 10            | 627.00           | 5.93           | 623.79                |
| AGMW-116  | 01/03/01      | 629.72        | 10            | 627.00           | 6.48           | 623.24                |
| AGMW-116  | 09/04/01      | 629.63        | 10            | 627.00           | 5.99           | 623.64                |
| AGMW-116  | 12/10/01      | 629.63        | 10            | 627.00           | 6.27           | 623.36                |
| AGMW-116  | 03/04/02      | 629.63        | 10            | 627.00           | 8.21           | 621.42                |
| AGMW-116  | 05/28/02      | 629.63        | 10            | 627.00           | 6.08           | 623.55                |
| AGMW-116  | 09/09/02      | 629.63        | 10            | 627.00           | 5.9            | 623.73                |
| AGMW-116  | 09/08/03      | 629.63        | 10            | 627.00           | 6.76           | 622.87                |
| AGMW-116  | 03/01/04      | 629.63        | 10            | 627.00           | 6.36           | 623.27                |
| AGMW-116  | 09/07/04      | 629.63        | 10            | 627.00           | 6.19           | 623.44                |
| AGMW-116  | 03/07/05      | 629.63        | 10            | 627.00           | 5.89           | 623.74                |
| AGMW-116  | 06/07/06      | 629.63        | 10            | 627.00           | 5.93           | 623.7                 |
| AGMW-117  | 07/07/00      | 633.21        | 10            | 628.70           | 9.71           | 623.5                 |
| AGMW-117  | 10/20/00      | 633.21        | 10            | 628.70           | 9.86           | 623.35                |
| AGMW-117  | 01/03/01      | 633.21        | 10            | 628.70           | 10.51          | 622.7                 |
| AGMW-117  | 09/04/01      | 633.13        | 10            | 628.70           | 9.97           | 623.16                |
| AGMW-117  | 12/10/01      | 633.13        | 10            | 628.70           | 10.28          | 622.85                |
| AGMW-117  | 03/04/02      | 633.13        | 10            | 628.70           | 10.34          | 622.79                |
| AGMW-117  | 05/28/02      | 633.13        | 10            | 628.70           | 10.14          | 622.99                |
| AGMW-117  | 09/09/02      | 633.13        | 10            | 628.70           | 9.87           | 623.26                |
| AGMW-117  | 09/08/03      | 633.13        | 10            | 628.70           | 10.89          | 622.24                |
| AGMW-117  | 03/01/04      | 633.13        | 10            | 628.70           | 10.53          | 622.6                 |
| AGMW-117  | 09/07/04      | 633.13        | 10            | 628.70           | 10.16          | 622.97                |
| AGMW-117  | 03/07/05      | 633.13        | 10            | 628.70           | 9.91           | 623.22                |
| AGMW-117  | 06/07/06      | 633.13        | 10            | 628.70           | 10             | 623.13                |
| AGMW-118  | 07/07/00      | 628.78        | 10            | 626.30           | 6.6            | 622.18                |
| AGMW-118  | 10/20/00      | 628.78        | 10            | 626.30           | 6.75           | 622.03                |
| AGMW-118  | 09/04/01      | 628.75        | 10            | 626.30           | 6.86           | 621.89                |
| AGMW-118  | 12/10/01      | 628.75        | 10            | 626.30           | 6.93           | 621.82                |
| AGMW-118  | 03/04/02      | 628.75        | 10            | 626.30           | 7.6            | 621.15                |
| AGMW-118  | 05/28/02      | 628.75        | 10            | 626.30           | 6.98           | 621.77                |
| AGMW-118  | 09/09/02      | 628.75        | 10            | 626.30           | 7.38           | 621.37                |
| AGMW-118  | 09/08/03      | 628.75        | 10            | 626.30           | 7.2            | 621.55                |
| AGMW-118  | 03/01/04      | 628.75        | 10            | 626.30           | 6.99           | 621.76                |
| AGMW-118  | 09/07/04      | 628.75        | 10            | 626.30           | 6.88           | 621.87                |
| AGMW-118  | 03/07/05      | 628.75        | 10            | 626.30           | 6.71           | 622.04                |
| AGMW-118  | 06/07/06      | 628.75        | 10            | 626.30           | 6.97           | 621.78                |
| AGMW-119  | 03/04/02      | 641.55        | 15            | --               | 20.5           | 621.05                |
| AGMW-119  | 09/09/02      | 641.55        | 15            | --               | 20.15          | 621.4                 |

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Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| AGMW-119  | 09/08/03      | 641.55        | 15            | --               | 20.79          | 620.76                |
| AGMW-119  | 03/01/04      | 641.55        | 15            | --               | 20.36          | 621.19                |
| AGMW-119  | 09/07/04      | 641.55        | 15            | --               | 20.26          | 621.29                |
| AGMW-119  | 03/07/05      | 641.55        | 15            | --               | 20.1           | 621.45                |
| AGMW-120  | 03/04/02      | 627.47        | 10            | --               | 7.13           | 620.34                |
| AGMW-120  | 09/09/02      | 627.47        | 10            | --               | 6.97           | 620.5                 |
| AGMW-120  | 09/08/03      | 627.47        | 10            | --               | 7.3            | 620.17                |
| AGMW-120  | 03/01/04      | 627.47        | 10            | --               | 6.88           | 620.59                |
| AGMW-120  | 03/07/05      | 627.47        | 10            | --               | 6.64           | 620.83                |
| AGMW-121  | 03/04/02      | 626.84        | 10            | --               | 6.86           | 619.98                |
| AGMW-121  | 09/09/02      | 626.84        | 10            | --               | 6.76           | 620.08                |
| AGMW-121  | 09/08/03      | 626.84        | 10            | --               | 7.24           | 619.6                 |
| AGMW-121  | 03/01/04      | 626.84        | 10            | --               | 6.61           | 620.23                |
| AGMW-122  | 03/04/02      | 626.61        | 10            | --               | 11.2           | 615.41                |
| AGMW-122  | 09/09/02      | 626.61        | 10            | --               | 10.66          | 615.95                |
| AGMW-122  | 09/08/03      | 626.61        | 10            | --               | 11.34          | 615.27                |
| AGMW-122  | 09/07/04      | 626.61        | 10            | --               | 10.65          | 615.96                |
| AGMW-122  | 03/07/05      | 626.61        | 10            | --               | 10.66          | 615.95                |
| AGMW-123  | 03/04/02      | 626.12        | 10            | --               | 10.54          | 615.58                |
| AGMW-123  | 09/09/02      | 626.12        | 10            | --               | 10.13          | 615.99                |
| AGMW-123  | 09/08/03      | 626.12        | 10            | --               | 11.15          | 614.97                |
| AGMW-123  | 03/01/04      | 626.12        | 10            | --               | 10.51          | 615.61                |
| AGMW-123  | 09/07/04      | 626.12        | 10            | --               | 10.19          | 615.93                |
| AGMW-123  | 03/07/05      | 626.12        | 10            | --               | 9.68           | 616.44                |
| AGMW-124  | 07/07/00      | 638.7         | 10            | 632.30           | 15.37          | 623.33                |
| AGMW-124  | 10/20/00      | 638.7         | 10            | 632.30           | 15.22          | 623.48                |
| AGMW-124  | 01/03/01      | 641.64        | 10            | 632.30           | 18.3           | 623.34                |
| AGMW-124  | 03/26/01      | 641.64        | 10            | 632.30           | 18.08          | 623.56                |
| AGMW-124R | 12/10/01      | 640.96        | 10            | 631.04           | 17.54          | 623.42                |
| AGMW-124R | 03/04/02      | 640.96        | 10            | 631.04           | 17.54          | 623.42                |
| AGMW-124R | 05/28/02      | 640.96        | 10            | 631.04           | 17.26          | 623.7                 |
| AGMW-124R | 09/08/03      | 639.56        | 10            | 631.04           | 16.06          | 623.5                 |
| AGMW-124R | 03/01/04      | 639.56        | 10            | 631.04           | 16.4           | 623.16                |
| AGMW-124R | 09/07/04      | 639.56        | 10            | 631.04           | 15.85          | 623.71                |
| AGMW-124R | 03/07/05      | 639.56        | 10            | 631.04           | 16.09          | 623.47                |
| AGMW-124R | 06/07/06      | 639.56        | 10            | 631.04           | 15.86          | 623.7                 |
| AGMW-125  | 10/20/00      | 633.06        | 6             | 626.60           | 9.27           | 623.79                |
| AGMW-125  | 01/03/01      | 633.06        | 6             | 626.60           | 9.89           | 623.17                |
| AGMW-125  | 03/26/01      | 632.81        | 6             | 626.60           | 9.08           | 623.73                |
| AGMW-125R | 12/10/01      | 635.93        | 10            | 631.90           | 12.41          | 623.52                |
| AGMW-125R | 03/04/02      | 635.93        | 10            | 631.90           | 12.4           | 623.53                |

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Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| AGMW-125R | 05/28/02      | 635.93        | 10            | 631.90           | 12.17          | 623.76                |
| AGMW-125R | 09/09/02      | 635.93        | 10            | 631.90           | 11.84          | 624.09                |
| AGMW-125R | 09/08/03      | 635.8         | 10            | 631.90           | 12.64          | 623.16                |
| AGMW-125R | 03/01/04      | 635.8         | 10            | 631.90           | 12.71          | 623.09                |
| AGMW-125R | 09/07/04      | 635.8         | 10            | 631.90           | 12.29          | 623.51                |
| AGMW-125R | 03/07/05      | 635.8         | 10            | 631.90           | 12.26          | 623.54                |
| AGMW-125R | 06/08/06      | 635.8         | 10            | 631.90           | 12.12          | 623.68                |
| AGMW-126  | 10/20/00      | 639.62        | 10            | 631.10           | 15.82          | 623.8                 |
| AGMW-126  | 01/03/01      | 639.62        | 10            | 631.10           | 16.32          | 623.3                 |
| AGMW-126  | 03/26/01      | 639.5         | 10            | 631.10           | 15.84          | 623.66                |
| AGMW-126  | 09/04/01      | 639.5         | 10            | 631.10           | 15.74          | 623.76                |
| AGMW-126  | 12/10/01      | 639.5         | 10            | 631.10           | 16.07          | 623.43                |
| AGMW-126  | 03/04/02      | 639.5         | 10            | 631.10           | 16.6           | 622.9                 |
| AGMW-126  | 05/28/02      | 639.5         | 10            | 631.10           | 15.83          | 623.67                |
| AGMW-127  | 09/09/02      | 639.17        | 10            | 632.55           | 16.95          | 623.3                 |
| AGMW-127  | 09/08/03      | 639.17        | 10            | 632.55           | 17.9           | 622.35                |
| AGMW-127  | 09/07/04      | 640.25        | 10            | 632.55           | 15.65          | 624.6                 |
| AGMW-127  | 03/07/05      | 640.25        | 10            | 632.55           | 16.21          | 624.04                |
| AGMW-127  | 06/07/06      | 640.25        | 10            | 632.55           | 15.61          | 624.64                |
| GM-1      | 10/20/00      | 627.28        | 10            | 622.58           | 7.94           | 619.34                |
| GM-1      | 03/26/01      | 627.28        | 10            | 622.58           | 7.85           | 619.43                |
| GM-1      | 09/04/01      | 627.28        | 10            | 622.58           | 8.09           | 619.19                |
| GM-1      | 09/08/03      | 627.28        | 10            | 622.58           | 8.84           | 618.44                |
| GM-2      | 10/20/00      | 625.99        | 10            | 621.31           | 7.82           | 618.17                |
| GM-2      | 03/26/01      | 625.99        | 10            | 621.31           | 7.76           | 618.23                |
| GM-2      | 09/04/01      | 625.99        | 10            | 621.31           | 8.1            | 617.89                |
| GM-2      | 09/08/03      | 625.99        | 10            | 621.31           | 8.91           | 617.08                |
| GM-2      | 09/07/04      | 625.99        | 10            | 621.31           | 8.4            | 617.59                |
| GM-3      | 10/20/00      | 628.8         | 10            | 624.08           | 7.81           | 620.99                |
| GM-3      | 03/26/01      | 628.8         | 10            | 624.08           | 7.8            | 621                   |
| GM-3      | 09/04/01      | 628.8         | 10            | 624.08           | 7.87           | 620.93                |
| GM-3      | 09/08/03      | 628.8         | 10            | 624.08           | 8.33           | 620.47                |
| GM-3      | 03/01/04      | 628.8         | 10            | 624.08           | 9.67           | 619.13                |
| GM-3      | 09/07/04      | 628.8         | 10            | 624.08           | 10.01          | 618.79                |
| GM-4      | 10/20/00      | 629.06        | 10            | 624.26           | 7.34           | 621.72                |
| GM-4      | 03/26/01      | 629.06        | 10            | 624.26           | 7.37           | 621.69                |
| GM-4      | 09/04/01      | 629.06        | 10            | 624.26           | 7.46           | 621.6                 |
| GM-5      | 10/20/00      | 633.14        | 10            | 628.41           | 9.68           | 623.46                |
| GM-5      | 03/26/01      | 633.14        | 10            | 628.41           | 9.73           | 623.41                |
| GM-5      | 09/04/01      | 633.14        | 10            | 628.41           | 9.76           | 623.38                |
| GM-5      | 09/08/03      | 633.14        | 10            | 628.41           | 10.86          | 622.28                |
| GM-5      | 09/07/04      | 633.14        | 10            | 628.41           | 10.07          | 623.07                |

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Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| GM-6      | 10/20/00      | 629.31        | 10            | 624.53           | 9.8            | 619.51                |
| GM-6      | 03/26/01      | 629.31        | 10            | 624.53           | 10.15          | 619.16                |
| GM-6      | 09/04/01      | 629.31        | 10            | 624.53           | 10.22          | 619.09                |
| GM-6      | 09/08/03      | 629.31        | 10            | 624.53           | 10.79          | 618.52                |
| GM-6      | 03/01/04      | 629.31        | 10            | 624.53           | 10.58          | 618.73                |
| GM-6      | 09/07/04      | 629.31        | 10            | 624.53           | 10.22          | 619.09                |
| GM-7      | 10/20/00      | 628.13        | 10            | 623.34           | 5.96           | 622.17                |
| GM-7      | 03/26/01      | 628.13        | 10            | 623.34           | 5.96           | 622.17                |
| GM-7      | 09/04/01      | 628.13        | 10            | 623.34           | 6.9            | 621.23                |
| GM-7      | 09/08/03      | 628.13        | 10            | 623.34           | 7.03           | 621.1                 |
| GM-7      | 09/07/04      | 628.13        | 10            | 623.34           | 6.17           | 621.96                |
| GM-8      | 10/20/00      | 632.17        | 10            | 627.37           | 9.95           | 622.22                |
| GM-8      | 03/26/01      | 632.17        | 10            | 627.37           | 9.21           | 622.96                |
| GM-8      | 09/04/01      | 632.17        | 10            | 627.37           | 9.39           | 622.78                |
| GM-8      | 09/08/03      | 632.17        | 10            | 627.37           | 10.25          | 621.92                |
| GM-8      | 03/01/04      | 632.17        | 10            | 627.37           | 9.49           | 622.68                |
| GM-8      | 09/07/04      | 632.17        | 10            | 627.37           | 9.28           | 622.89                |
| GM-9      | 10/20/00      | 629.97        | 10            | 625.35           | 8.23           | 621.74                |
| GM-9      | 03/26/01      | 629.97        | 10            | 625.35           | 7.67           | 622.3                 |
| GM-9      | 09/04/01      | 629.97        | 10            | 625.35           | 8.01           | 621.96                |
| GM-9      | 09/08/03      | 629.97        | 10            | 625.35           | 8.81           | 621.16                |
| GM-9      | 09/07/04      | 629.97        | 10            | 625.35           | 8.01           | 621.96                |
| HMW-2     | 10/20/00      | 628.18        | 10            | 622.83           | 6.64           | 621.54                |
| HMW-2     | 09/04/01      | 628.18        | 10            | 622.83           | 6.82           | 621.36                |
| HMW-2     | 09/08/03      | 628.18        | 10            | 622.83           | 7.5            | 620.68                |
| HMW-3     | 10/20/00      | 628.21        | 10            | 622.87           | 6.67           | 621.54                |
| HMW-3     | 09/04/01      | 628.21        | 10            | 622.87           | 6.8            | 621.41                |
| HMW-3     | 09/08/03      | 628.21        | 10            | 622.87           | 7.56           | 620.65                |
| HMW-3     | 09/07/04      | 628.21        | 10            | 622.87           | 6.86           | 621.35                |
| HMW-4     | 10/20/00      | 627.89        | 10            | 622.28           | 6.35           | 621.54                |
| HMW-4     | 09/04/01      | 627.89        | 10            | 622.28           | 6.46           | 621.43                |
| HMW-4     | 09/08/03      | 627.89        | 10            | 622.28           | 7.22           | 620.67                |
| HMW-4     | 09/07/04      | 627.89        | 10            | 622.28           | 6.53           | 621.36                |
| JMW-1     | 12/07/99      | 635.89        | 10            | 624.30           | 11.12          | 624.77                |
| JMW-1     | 07/07/00      | 635.89        | 10            | 624.30           | 10.38          | 625.51                |
| JMW-1     | 10/20/00      | 635.89        | 10            | 624.30           | 10.46          | 625.43                |
| JMW-1     | 01/03/01      | 635.89        | 10            | 624.30           | 10.99          | 624.9                 |
| JMW-1     | 03/26/01      | 635.89        | 10            | 624.30           | 10.49          | 625.4                 |
| JMW-1     | 09/04/01      | 635.89        | 10            | 624.30           | 10.5           | 625.39                |
| JMW-1     | 12/10/01      | 635.89        | 10            | 624.30           | 10.75          | 625.14                |
| JMW-1     | 03/04/02      | 634.28        | 10            | 624.30           | 10.71          | 623.57                |
| JMW-1     | 05/28/02      | 634.28        | 10            | 624.30           | 10.58          | 623.7                 |

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Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| JMW-1     | 09/09/02      | 634.28        | 10            | 624.30           | 10.39          | 623.89                |
| JMW-1     | 09/08/03      | 634.28        | 10            | 624.30           | 11.28          | 623                   |
| JMW-1     | 03/01/04      | 634.28        | 10            | 624.30           | 10.88          | 623.4                 |
| JMW-1     | 09/07/04      | 634.28        | 10            | 624.30           | 10.69          | 623.59                |
| JMW-1     | 03/07/05      | 634.28        | 10            | 624.30           | 10.48          | 623.8                 |
| JMW-1     | 06/07/06      | 634.28        | 10            | 624.30           | 10.47          | 623.81                |
| JMW-2     | 09/08/03      | 629.88        | 10            | --               | 6.92           | 622.96                |
| JMW-2     | 03/01/04      | 629.88        | 10            | --               | 6.51           | 623.37                |
| JMW-2     | 09/07/04      | 629.88        | 10            | --               | 6.33           | 623.55                |
| JMW-2     | 03/07/05      | 629.88        | 10            | --               | 6.05           | 623.83                |
| JMW-2     | 06/07/06      | 629.88        | 10            | --               | 6.12           | 623.76                |
| MW-1      | 09/07/04      | 640.63        | 10            | 621.23           | 8.52           | 632.11                |
| MW-2      | 12/07/99      | 641.28        | 10            | 611.56           | 20.1           | 621.18                |
| MW-2      | 05/05/00      | 641.28        | 10            | 611.56           | 18.62          | 622.66                |
| MW-2      | 07/07/00      | 641.28        | 10            | 611.56           | 18.23          | 623.05                |
| MW-2      | 10/20/00      | 641.28        | 10            | 611.56           | 17.96          | 623.32                |
| MW-2      | 01/03/01      | 643.44        | 10            | 611.56           | 20.71          | 622.73                |
| MW-2      | 03/26/01      | 643.44        | 10            | 611.56           | 20.3           | 623.14                |
| MW-2      | 03/26/01      | 643.44        | 10            | 611.56           | 6.63           | 636.81                |
| MW-2      | 09/04/01      | 643.44        | 10            | 611.56           | 20.24          | 623.2                 |
| MW-2      | 03/04/02      | 643.44        | 10            | 611.56           | 20.87          | 622.57                |
| MW-2      | 09/09/02      | 643.44        | 10            | 611.56           | 20.08          | 623.36                |
| MW-2      | 09/08/03      | 639.82        | 10            | 611.56           | 16.96          | 622.86                |
| MW-2      | 03/01/04      | 639.82        | 10            | 611.56           | 16.6           | 623.22                |
| MW-2      | 09/07/04      | 639.82        | 10            | 611.56           | 16.49          | 623.33                |
| MW-2      | 03/07/05      | 639.82        | 10            | 611.56           | 16.2           | 623.62                |
| MW-2      | 06/07/06      | 639.82        | 10            | 611.56           | 16.45          | 623.37                |
| MW-3      | 03/26/01      | 631.78        | 10            | 614.47           | 6.68           | 625.1                 |
| MW-3      | 09/07/04      | 631.78        | 10            | 614.47           | 7.87           | 623.91                |
| MW-3R     | 12/07/99      | 635           | 5             | 624.65           | 11.94          | 623.06                |
| MW-3R     | 05/05/00      | 635           | 5             | 624.65           | 11.4           | 623.6                 |
| MW-4      | 07/07/00      | 627.41        | 10            | 609.19           | 5.01           | 622.4                 |
| MW-4      | 10/20/00      | 627.41        | 10            | 609.19           | 7.6            | 619.81                |
| MW-4      | 03/26/01      | 627.41        | 10            | 609.19           | 6.34           | 621.07                |
| MW-4      | 09/04/01      | 627.41        | 10            | 609.19           | 6.47           | 620.94                |
| MW-4      | 03/04/02      | 627.41        | 10            | 609.19           | 5.25           | 622.16                |
| MW-4      | 09/09/02      | 627.41        | 10            | 609.19           | 5.25           | 622.16                |
| MW-4      | 09/08/03      | 627.41        | 10            | 609.19           | 5.91           | 621.5                 |
| MW-4      | 03/01/04      | 627.41        | 10            | 609.19           | 5.16           | 622.25                |
| MW-4      | 09/07/04      | 627.41        | 10            | 609.19           | 5.45           | 621.96                |
| MW-4      | 03/07/05      | 627.41        | 10            | 609.19           | 4.88           | 622.53                |

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Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| MW-5      | 07/07/00      | 630.49        | 10            | 613.08           | 7.36           | 623.13                |
| MW-5      | 09/04/01      | 630.49        | 10            | 613.08           | 6.96           | 623.53                |
| MW-5      | 09/09/02      | 630.49        | 10            | 613.08           | 6.83           | 623.66                |
| MW-5      | 09/08/03      | 630.49        | 10            | 613.08           | 7.82           | 622.67                |
| MW-5      | 03/01/04      | 630.49        | 10            | 613.08           | 7.52           | 622.97                |
| MW-5      | 09/07/04      | 630.49        | 10            | 613.08           | 7.29           | 623.2                 |
| MW-5      | 03/07/05      | 630.49        | 10            | 613.08           | 6.77           | 623.72                |
| MW-5      | 06/07/06      | 630.49        | 10            | 613.08           | 7.12           | 623.37                |
| MW-6      | 12/07/99      | 635.45        | 5             | 627.00           | 10.68          | 624.77                |
| MW-6      | 05/05/00      | 635.45        | 5             | 627.00           | 10.4           | 625.05                |
| MW-6      | 07/07/00      | 635.45        | 5             | 627.00           | 10.06          | 625.39                |
| MW-6      | 10/20/00      | 635.45        | 5             | 627.00           | 10.23          | 625.22                |
| MW-6      | 03/26/01      | 635.45        | 5             | 627.00           | 10.58          | 624.87                |
| MW-6      | 09/04/01      | 635.45        | 5             | 627.00           | 10.33          | 625.12                |
| MW-6      | 12/10/01      | 635.45        | 5             | 627.00           | 10.52          | 624.93                |
| MW-6      | 03/04/02      | 635.45        | 5             | 627.00           | 10.46          | 624.99                |
| MW-6      | 09/09/02      | 635.45        | 5             | 627.00           | 10.31          | 625.14                |
| MW-6      | 09/08/03      | 635.45        | 5             | 627.00           | 10.74          | 624.71                |
| MW-6      | 03/01/04      | 635.45        | 5             | 627.00           | 10.49          | 624.96                |
| MW-6      | 09/07/04      | 635.45        | 5             | 627.00           | 10.2           | 625.25                |
| MW-6      | 03/07/05      | 635.45        | 5             | 627.00           | 10.23          | 625.22                |
| MW-6      | 06/07/06      | 635.45        | 5             | 627.00           | 10.08          | 625.37                |
| MW-7      | 12/07/99      | 632.38        | 5             | 624.90           | 8.65           | 623.73                |
| MW-7      | 05/05/00      | 632.38        | 5             | 624.90           | 8.52           | 623.86                |
| MW-7      | 07/07/00      | 632.38        | 5             | 624.90           | 8.16           | 624.22                |
| MW-7      | 10/20/00      | 632.38        | 5             | 624.90           | 8.13           | 624.25                |
| MW-7      | 01/03/01      | 632.38        | 5             | 624.90           | 8.59           | 623.79                |
| MW-7      | 03/26/01      | 632.38        | 5             | 624.90           | 8.44           | 623.94                |
| MW-7      | 09/04/01      | 632.38        | 5             | 624.90           | 8.35           | 624.03                |
| MW-7      | 03/04/02      | 632.38        | 5             | 624.90           | 8.32           | 624.06                |
| MW-7      | 09/08/03      | 632.38        | 5             | 624.90           | 9.11           | 623.27                |
| MW-7      | 03/01/04      | 632.38        | 5             | 624.90           | 8.7            | 623.68                |
| MW-7      | 09/07/04      | 632.38        | 5             | 624.90           | 8.21           | 624.17                |
| MW-7      | 03/07/05      | 632.38        | 5             | 624.90           | 8.22           | 624.16                |
| MW-7      | 06/07/06      | 632.38        | 5             | 624.90           | 8.2            | 624.18                |
| MW-8      | 12/07/99      | 630.57        | 5             | 622.00           | 12.11          | 618.46                |
| MW-8      | 05/05/00      | 630.57        | 5             | 622.00           | 11.39          | 619.18                |
| MW-8      | 07/07/00      | 630.57        | 5             | 622.00           | 11.24          | 619.33                |
| MW-8      | 10/20/00      | 630.57        | 5             | 622.00           | 11.27          | 619.3                 |
| MW-8      | 03/26/01      | 630.57        | 5             | 622.00           | 10.12          | 620.45                |
| MW-8      | 09/04/01      | 630.57        | 5             | 622.00           | 11.46          | 619.11                |
| MW-8      | 03/04/02      | 630.64        | 5             | 622.00           | 11.44          | 619.2                 |
| MW-8      | 09/09/02      | 630.64        | 5             | 622.00           | 11.52          | 619.12                |
| MW-8      | 09/08/03      | 630.64        | 5             | 622.00           | 12.31          | 618.33                |
| MW-8      | 03/01/04      | 630.64        | 5             | 622.00           | 11.76          | 618.88                |

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Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| MW-8      | 09/07/04      | 630.64        | 5             | 622.00           | 11.85          | 618.79                |
| MW-8      | 03/07/05      | 630.64        | 5             | 622.00           | 11.4           | 619.24                |
| MW-9      | 12/07/99      | 632.34        | 5             | 624.00           | 11.36          | 620.98                |
| MW-9      | 05/05/00      | 632.34        | 5             | 624.00           | 10.66          | 621.68                |
| MW-9      | 07/07/00      | 632.34        | 5             | 624.00           | 10.33          | 622.01                |
| MW-9      | 10/20/00      | 632.34        | 5             | 624.00           | 10.88          | 621.46                |
| MW-9      | 03/26/01      | 632.34        | 5             | 624.00           | 10.69          | 621.65                |
| MW-9      | 09/04/01      | 632.34        | 5             | 624.00           | 11.04          | 621.3                 |
| MW-9      | 03/04/02      | 632.34        | 5             | 624.00           | 10.86          | 621.48                |
| MW-9      | 09/09/02      | 632.34        | 5             | 624.00           | 10.93          | 621.41                |
| MW-10     | 12/07/99      | 621.15        | 5             | 613.70           | 6.18           | 614.97                |
| MW-10     | 05/05/00      | 621.15        | 5             | 613.70           | 4.36           | 616.79                |
| MW-10     | 07/07/00      | 621.15        | 5             | 613.70           | 4.6            | 616.55                |
| MW-10     | 10/20/00      | 621.15        | 5             | 613.70           | 4.87           | 616.28                |
| MW-10     | 03/26/01      | 621.15        | 5             | 613.70           | 3.9            | 617.25                |
| MW-10     | 09/04/01      | 621.15        | 5             | 613.70           | 5.21           | 615.94                |
| MW-10     | 03/04/02      | 621.15        | 5             | 613.70           | 4.89           | 616.26                |
| MW-10     | 09/09/02      | 621.15        | 5             | 613.70           | 5.93           | 615.22                |
| MW-10     | 09/08/03      | 621.15        | 5             | 613.70           | 8.5            | 612.65                |
| MW-10     | 03/01/04      | 621.15        | 5             | 613.70           | 5.1            | 616.05                |
| MW-10     | 09/07/04      | 621.15        | 5             | 613.70           | 6.02           | 615.13                |
| MW-10     | 03/07/05      | 621.15        | 5             | 613.70           | 4.03           | 617.12                |
| MW-11     | 12/07/99      | 622.87        | 5             | 613.40           | 8.61           | 614.26                |
| MW-11     | 05/05/00      | 622.87        | 5             | 613.40           | 8.23           | 614.64                |
| MW-11     | 07/07/00      | 622.87        | 5             | 613.40           | 6.94           | 615.93                |
| MW-11     | 10/20/00      | 622.87        | 5             | 613.40           | 7.81           | 615.06                |
| MW-11     | 03/26/01      | 622.87        | 5             | 613.40           | 7.92           | 614.95                |
| MW-11     | 09/04/01      | 622.87        | 5             | 613.40           | 7.55           | 615.32                |
| MW-11     | 03/04/02      | 622.87        | 5             | 613.40           | 8.6            | 614.27                |
| MW-11     | 09/09/02      | 622.87        | 5             | 613.40           | 7.7            | 615.17                |
| MW-11     | 09/08/03      | 622.87        | 5             | 613.40           | 8.28           | 614.59                |
| MW-11     | 03/01/04      | 622.87        | 5             | 613.40           | 8.64           | 614.23                |
| MW-11     | 09/07/04      | 622.87        | 5             | 613.40           | 7.39           | 615.48                |
| MW-12     | 12/07/99      | 624.26        | 5             | 610.80           | 10.73          | 613.53                |
| MW-12     | 05/05/00      | 624.26        | 5             | 610.80           | 10.18          | 614.08                |
| MW-12     | 07/07/00      | 624.26        | 5             | 610.80           | 9              | 615.26                |
| MW-12     | 10/20/00      | 624.26        | 5             | 610.80           | 9.62           | 614.64                |
| MW-12     | 03/26/01      | 624.26        | 5             | 610.80           | 9.76           | 614.5                 |
| MW-12     | 09/04/01      | 624.26        | 5             | 610.80           | 9.25           | 615.01                |
| MW-12     | 03/04/02      | 624.26        | 5             | 610.80           | 10.45          | 613.81                |
| MW-13     | 12/07/99      | 625.01        | 5             | 610.50           | 11.86          | 613.15                |
| MW-13     | 05/05/00      | 625.01        | 5             | 610.50           | 11.34          | 613.67                |
| MW-13     | 07/07/00      | 625.01        | 5             | 610.50           | 8.53           | 616.48                |
| MW-13     | 10/20/00      | 625.01        | 5             | 610.50           | 11.53          | 613.48                |

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Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| MW-13     | 03/26/01      | 625.01        | 5             | 610.50           | 10.02          | 614.99                |
| MW-13     | 09/04/01      | 625.01        | 5             | 610.50           | 7.46           | 617.55                |
| MW-13     | 03/04/02      | 625.01        | 5             | 610.50           | 11.3           | 613.71                |
| MW-13     | 09/09/02      | 625.01        | 5             | 610.50           | 8.64           | 616.37                |
| MW-13     | 09/08/03      | 625.01        | 5             | 610.50           | 9.28           | 615.73                |
| MW-13     | 03/01/04      | 625.01        | 5             | 610.50           | 11.2           | 613.81                |
| MW-13     | 09/07/04      | 625.01        | 5             | 610.50           | 8.58           | 616.43                |
| MW-13     | 03/07/05      | 625.01        | 5             | 610.50           | 10.89          | 614.12                |
| MW-14D    | 12/07/99      | 630.34        | 15            | 592.80           | 10.87          | 619.47                |
| MW-14D    | 05/05/00      | 630.34        | 15            | 592.80           | 10.73          | 619.61                |
| MW-14D    | 07/07/00      | 630.34        | 15            | 592.80           | 10.67          | 619.67                |
| MW-14D    | 10/20/00      | 630.34        | 15            | 592.80           | 10.88          | 619.46                |
| MW-14D    | 01/03/01      | 630.34        | 15            | 592.80           | 11.02          | 619.32                |
| MW-14D    | 03/26/01      | 630.34        | 15            | 592.80           | 10.88          | 619.46                |
| MW-14D    | 09/04/01      | 630.34        | 15            | 592.80           | 11.08          | 619.26                |
| MW-14D    | 12/10/01      | 630.34        | 15            | 592.80           | 11.07          | 619.27                |
| MW-14D    | 03/04/02      | 630.34        | 15            | 592.80           | 11.3           | 619.04                |
| MW-14D    | 09/08/03      | 630.34        | 15            | 592.80           | 11.21          | 619.13                |
| MW-14D    | 03/01/04      | 630.34        | 15            | 592.80           | 10.87          | 619.47                |
| MW-14D    | 09/07/04      | 630.34        | 15            | 592.80           | 10.76          | 619.58                |
| MW-14D    | 03/07/05      | 630.34        | 15            | 592.80           | 10.49          | 619.85                |
| MW-14D    | 06/07/06      | 630.34        | 15            | 592.80           | 10.56          | 619.78                |
| MW-14S    | 12/07/99      | 630.49        | 5             | 623.00           | 8.49           | 622                   |
| MW-14S    | 05/05/00      | 630.49        | 5             | 623.00           | 8.41           | 622.08                |
| MW-14S    | 07/07/00      | 630.49        | 5             | 623.00           | 8.33           | 622.16                |
| MW-14S    | 10/20/00      | 630.49        | 5             | 623.00           | 8.37           | 622.12                |
| MW-14S    | 01/03/01      | 630.49        | 5             | 623.00           | 8.42           | 622.07                |
| MW-14S    | 03/26/01      | 630.49        | 5             | 623.00           | 8.38           | 622.11                |
| MW-14S    | 09/04/01      | 630.49        | 5             | 623.00           | 8.41           | 622.08                |
| MW-14S    | 12/10/01      | 630.49        | 5             | 623.00           | 8.41           | 622.08                |
| MW-14S    | 03/04/02      | 630.49        | 5             | 623.00           | 8.3            | 622.19                |
| MW-14S    | 09/08/03      | 630.49        | 5             | 623.00           | 8.43           | 622.06                |
| MW-14S    | 03/01/04      | 630.49        | 5             | 623.00           | 8.32           | 622.17                |
| MW-14S    | 09/07/04      | 630.49        | 5             | 623.00           | 8.38           | 622.11                |
| MW-14S    | 03/07/05      | 630.49        | 5             | 623.00           | 8.2            | 622.29                |
| MW-14S    | 06/07/06      | 630.49        | 5             | 623.00           | 8.38           | 622.11                |
| MW-15     | 12/07/99      | 636.33        | 5             | 626.80           | 13.42          | 622.91                |
| MW-15     | 07/07/00      | 636.33        | 5             | 626.80           | 11.76          | 624.57                |
| MW-15     | 10/20/00      | 636.33        | 5             | 626.80           | 12.27          | 624.06                |
| MW-15     | 03/26/01      | 636.33        | 5             | 626.80           | 12.46          | 623.87                |
| MW-15     | 09/04/01      | 636.33        | 5             | 626.80           | 12.75          | 623.58                |
| MW-15     | 03/04/02      | 636.33        | 5             | 626.80           | 12.75          | 623.58                |
| MW-15     | 09/09/02      | 636.33        | 5             | 626.80           | 12.44          | 623.89                |
| MW-15     | 09/08/03      | 636.33        | 5             | 626.80           | 13.47          | 622.86                |
| MW-15     | 03/01/04      | 636.33        | 5             | 626.80           | 13.02          | 623.31                |

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Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| MW-15     | 09/07/04      | 636.33        | 5             | 626.80           | 12.76          | 623.57                |
| MW-15     | 03/07/05      | 636.33        | 5             | 626.80           | 12.43          | 623.9                 |
| PZ-1      | 10/20/00      | 627.3         | --            | --               | 8.22           | 619.08                |
| PZ-1      | 03/26/01      | 627.3         | --            | --               | 8.05           | 619.25                |
| PZ-1      | 09/04/01      | 627.3         | --            | --               | 8.21           | 619.09                |
| PZ-1      | 09/08/03      | 627.3         | --            | --               | 9.05           | 618.25                |
| PZ-1      | 09/07/04      | 627.3         | --            | --               | 8.06           | 619.24                |
| PZ-2      | 10/20/00      | 627.17        | --            | --               | 6.29           | 620.88                |
| PZ-2      | 03/26/01      | 627.17        | --            | --               | 6.8            | 620.37                |
| PZ-2      | 09/04/01      | 627.17        | --            | --               | 6.86           | 620.31                |
| PZ-3      | 10/20/00      | 628.83        | --            | --               | 8.47           | 620.36                |
| PZ-3      | 03/26/01      | 628.83        | --            | --               | 8.8            | 620.03                |
| PZ-3      | 09/04/01      | 628.83        | --            | --               | 8.74           | 620.09                |
| PZ-3      | 09/08/03      | 628.83        | --            | --               | 9.37           | 619.46                |
| PZ-3      | 09/07/04      | 628.83        | --            | --               | 8.68           | 620.15                |
| PZ-4      | 10/20/00      | 629.06        | --            | --               | 7.83           | 621.23                |
| PZ-4      | 03/26/01      | 629.06        | --            | --               | 8              | 621.06                |
| PZ-4      | 09/04/01      | 629.06        | --            | --               | 7.88           | 621.18                |
| PZ-5      | 10/20/00      | 633.1         | --            | --               | 9.81           | 623.29                |
| PZ-5      | 03/26/01      | 633.1         | --            | --               | 10.01          | 623.09                |
| PZ-5      | 09/04/01      | 633.1         | --            | --               | 10.26          | 622.84                |
| PZ-5      | 09/07/04      | 633.1         | --            | --               | 9.85           | 623.25                |
| WGMW-1B   | 09/08/03      | 627.14        | 15            | 619.29           | 10.55          | 616.59                |
| WGMW-1C   | 12/07/99      | 630.21        | 15            | 622.11           | 10.25          | 619.96                |
| WGMW-1C   | 07/07/00      | 630.21        | 15            | 622.11           | 9.11           | 621.1                 |
| WGMW-1C   | 10/20/00      | 630.21        | 15            | 622.11           | 9.66           | 620.55                |
| WGMW-1C   | 09/04/01      | 630.21        | 15            | 622.11           | 9.78           | 620.43                |
| WGMW-1C   | 03/04/02      | 630.6         | 15            | 622.11           | 9.98           | 620.62                |
| WGMW-1C   | 09/09/02      | 630.6         | 15            | 622.11           | 9.56           | 621.04                |
| WGMW-1C   | 03/01/04      | 630.6         | 15            | 622.11           | 9.81           | 620.79                |
| WGMW-1C   | 09/07/04      | 630.6         | 15            | 622.11           | 9.88           | 620.72                |
| WGMW-1C   | 03/07/05      | 630.6         | 15            | 622.11           | 9.54           | 621.06                |
| WGMW-2B   | 12/07/99      | 627.34        | 15            | 619.57           | 12.43          | 614.91                |
| WGMW-2B   | 05/05/00      | 627.34        | 15            | 619.57           | 11.45          | 615.89                |
| WGMW-2B   | 07/07/00      | 627.34        | 15            | 619.57           | 11             | 616.34                |
| WGMW-2B   | 10/20/00      | 627.34        | 15            | 619.57           | 11.54          | 615.8                 |
| WGMW-2B   | 03/26/01      | 627.34        | 15            | 619.57           | 11.62          | 615.72                |
| WGMW-2B   | 09/04/01      | 627.34        | 15            | 619.57           | 11.98          | 615.36                |
| WGMW-2B   | 03/04/02      | 627.54        | 15            | 619.57           | 12.26          | 615.28                |
| WGMW-2B   | 09/09/02      | 627.54        | 15            | 619.57           | 11.77          | 615.77                |
| WGMW-2B   | 09/08/03      | 627.54        | 15            | 619.57           | 12.67          | 614.87                |

Footnotes on Page 14.

Table 1. Groundwater Elevations, Crestwood Site, Glendale, Wisconsin.

| Well Name | Date Measured | TOC Elevation | Screen Length | Screen Elevation | Depth to Water | Groundwater Elevation |
|-----------|---------------|---------------|---------------|------------------|----------------|-----------------------|
| WGMW-2B   | 03/01/04      | 627.54        | 15            | 619.57           | 12.46          | 615.08                |
| WGMW-2B   | 09/07/04      | 627.54        | 15            | 619.57           | 11.74          | 615.8                 |
| WGMW-2B   | 03/07/05      | 627.54        | 15            | 619.57           | 11.8           | 615.74                |

Depth to water and screen length data are present in feet.

Elevation data present in feet relative to mean sea level (msl).

-- Data not available.

TOC Top of casing.

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

**NOTICE: Completion of this form is mandatory** for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #:

ACTIVITY NAME:

| ID                             | Off-Source Property Address  | Parcel Number                         | WTM X                               | WTM Y                               |
|--------------------------------|--|---------------------------------------|-------------------------------------|-------------------------------------|
| <input type="text" value="A"/> | <input type="text" value="5650 N. Green Bay Rd, Glendale"/>        | <input type="text" value="168-9017"/> | <input type="text" value="688055"/> | <input type="text" value="296220"/> |
| <input type="text" value="B"/> | <input type="text" value="1811 W. Silver Spring Drive, Glendale"/> | <input type="text" value="195-9000"/> | <input type="text" value="688116"/> | <input type="text" value="296054"/> |
| <input type="text" value="C"/> | <input type="text" value="1735 W. Silver Spring Drive, Glendale"/> | <input type="text" value="195-9001"/> | <input type="text" value="688266"/> | <input type="text" value="296000"/> |
| <input type="text" value="D"/> | <input type="text" value="1400 W. Custer Avenue, Glendale"/>       | <input type="text" value="195-9002"/> | <input type="text" value="688565"/> | <input type="text" value="295757"/> |
| <input type="text" value="E"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |
| <input type="text" value="F"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |
| <input type="text" value="G"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |
| <input type="text" value="H"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |
| <input type="text" value="I"/> | <input type="text"/>   | <input type="text"/>                  | <input type="text"/>                | <input type="text"/>                |



*Infrastructure, environment, facilities*

Jim Jacques  
Heiser Ford Dealership  
1700 W. Silver Spring Drive  
Glendale, Wisconsin 53209

Subject:

Notification of Residual Contamination and Site Closure Request Status Crestwood Site, Glendale, Wisconsin.  
BRRTS # 02-41-184990  
FID # 241958310

Dear Mr. Jacques:

ARCADIS has completed the remediation of soil and groundwater impacts associated with the former businesses located at 5630-5666 North Green Bay and 1720-1800 Silver Spring (Site). Remediation activities were conducted on behalf of St. Francis Bank, F.S.B. in accordance with their obligations under the Remediation and Indemnification Agreement, dated April 14, 2000, executed between St. Francis Bank and the CDA of the city of Glendale.

The remedial program has effectively addressed the applicable risk concerns and achieved significant reduction in the mass and concentration of the contaminants that existed at the site (it is estimated that over 320 pounds of chlorinated solvent contaminants have been effectively removed from the soil and groundwater at the site). Consistent with the remedial strategy employed at the site and consistent with the remediation obligations under the aforementioned Agreement, some residual soil and groundwater impacts still exist at the Site. We have investigated this residual contamination and the remaining groundwater contaminant plume is stable or receding and will naturally degrade over time. Residual soil impacts will be addressed through natural attenuation and through the maintenance of the existing contact barrier system (i.e. asphalt/concrete pavement, concrete building foundation, two feet of clean/imported soil in landscaped areas, and passive vapor control system) to prevent direct contact with contaminated soils/soil vapor and minimize infiltration of rainwater through contaminated soils. Allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in ch. NR 726, Wis. Adm. Code. A request is being submitted to the Wisconsin Department of Natural Resources (WDNR) to allow for no further investigation or cleanup action to be taken, other than the reliance on natural attenuation and the maintenance of the contact barrier system.

Imagine the result

ARCADIS U.S., Inc.  
126 N. Jefferson Street, Suite 400  
Milwaukee, WI 53202  
Tel 414 276 7742  
Fax 414 276 7603  
www.arcadis-us.com

ENVIRONMENT

Date:  
22 March 2007

Contact:  
Mike Maierle

Phone:  
414.277.6213

Email:  
Mike.maierle@arcadis-  
us.com

Our ref:  
WI000794.0002

## ARCADIS

Jim Jacques  
22 March 2007

The WDNR will not review the closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that you may have to indicate that closure should not be granted for this site. If you would like to submit any information to the WDNR that is relevant to this closure request, you should mail that information to:

Pam Mylotta  
Wisconsin Department of Natural Resources  
4041 North Richards Street  
Milwaukee, Wisconsin 53212

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds ch. NR 140, Wis. Adm. Code groundwater enforcement standards (ES) and soil contamination exceeds ch. NR 720, Wis. Adm. Code standards will be listed on the WDNR's geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater and soil contamination above ch. NR 140, Wis. Adm. Code ES and ch. NR 720, Wis. Adm. Code was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from ARCADIS, by writing to the agency address given above or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts.gisregistry>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a regional water supply specialist in WDNR's Drinking Water and Groundwater Program and will need to comply with any applicable local ordinances. The well-construction application, form 3300-254, is on the internet at

ARCADIS

Jim Jacques  
22 March 2007

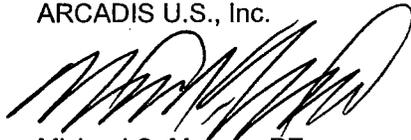
<http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf>, or may be accessed through the GIS Registry web address in the preceding paragraph.

In addition, special requirements may be necessary should you or any subsequent property owner wish to disturb the contact barrier system (i.e. the existing asphalt/concrete pavement, concrete building foundation, two feet of clean/imported soil in landscaped areas, and passive vapor control system). All actions will need to be performed in accordance with the WDNR approved Site Maintenance Plan to maintain the integrity of the contact barrier system. A draft copy of the Site Maintenance Plan is attached for your reference. The WDNR will review and approve the Site Maintenance Plan as part of the site closure approval process.

If you have any questions or require additional information, please call me at 414-277-6213.

Sincerely,

ARCADIS U.S., Inc.



Michael S. Maierle, PE  
Project Manager

Enclosures

Copy:

Don Meyer – Heiser Lincoln-Mercury



Daniel J. Walsh  
Siegel-Gallagher, Inc.  
700 North Water Street, Suite 400  
Milwaukee, Wisconsin 53202-4206

Subject:

Notification of Residual Contamination and Site Closure Request Status Crestwood Site, Glendale, Wisconsin.  
BRRTS # 02-41-184990  
FID # 241958310

Dear Mr. Walsh:

ARCADIS has completed the remediation of soil and groundwater impacts associated with the former businesses located at 5630-5666 North Green Bay and 1720-1800 Silver Spring (Site). Remediation activities were conducted on behalf of St. Francis Bank, F.S.B. in accordance with their obligations under the Remediation and Indemnification Agreement, dated April 14, 2000, executed between St. Francis Bank and the Community Development Authority of the city of Glendale.

The remedial program has effectively addressed the applicable risk concerns and achieved significant reduction in the mass and concentration of the contaminants that existed at the site (it is estimated that over 320 pounds of chlorinated solvent contaminants have been effectively removed from the soil and groundwater at the site). Consistent with the remedial strategy employed at the site and consistent with the remediation obligations under the aforementioned Agreement, some residual soil and groundwater impacts still exist at the Site. We have investigated this residual contamination and the remaining groundwater contaminant plume is stable or receding and will naturally degrade over time. Residual soil impacts will be addressed through natural attenuation and through the maintenance of the existing contact barrier system (i.e. asphalt/concrete pavement, concrete building foundation, two feet of clean/imported soil in landscaped areas, and passive vapor control system) to prevent direct contact with contaminated soils/soil vapor and minimize infiltration of rainwater through contaminated soils. Allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in ch. NR 726, Wis. Adm. Code. A request is being submitted to the Wisconsin Department of Natural Resources (WDNR) to allow for no further investigation or cleanup action to be taken, other than the reliance on natural attenuation and the maintenance of the contact barrier system.

Imagine the result

ARCADIS U.S., Inc.  
126 N. Jefferson Street, Suite 400  
Milwaukee, WI 53202  
Tel 414 276 7742  
Fax 414 276 7603  
www.arcadis-us.com

ENVIRONMENT

Date:  
22 March 2007

Contact:  
Mike Maierle

Phone:  
414.277.6213

Email:  
Mike.maierle@arcadis-  
us.com

Our ref:  
WI000794.0002

## ARCADIS

Daniel J. Walsh  
22 March 2007

The WDNR will not review the closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that you may have to indicate that closure should not be granted for this site. If you would like to submit any information to the WDNR that is relevant to this closure request, you should mail that information to:

Pam Mylotta  
Wisconsin Department of Natural Resources  
4041 North Richards Street  
Milwaukee, Wisconsin 53212

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds ch. NR 140, Wis. Adm. Code groundwater enforcement standards (ES) and soil contamination exceeds ch. NR 720, Wis. Adm. Code standards will be listed on the WDNR's geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater and soil contamination above ch. NR 140, Wis. Adm. Code ES and ch. NR 720, Wis. Adm. Code was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from ARCADIS, by writing to the agency address given above or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts.gisregistry>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a regional water supply specialist in WDNR's Drinking Water and Groundwater Program and will need to comply with any applicable local ordinances. The well-construction application, form 3300-254, is on the internet at

ARCADIS

Daniel J. Walsh  
22 March 2007

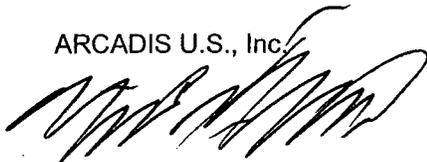
<http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf>, or may be accessed through the GIS Registry web address in the preceding paragraph.

In addition, special requirements may be necessary should you or any subsequent property owner wish to disturb the contact barrier system (i.e. the existing asphalt/concrete pavement, concrete building foundation, two feet of clean/imported soil in landscaped areas, and passive vapor control system). All actions will need to be performed in accordance with the WDNR approved Site Maintenance Plan to maintain the integrity of the contact barrier system. A draft copy of the Site Maintenance Plan is attached for your reference. The WDNR will review and approve the Site Maintenance Plan as part of the site closure approval process.

If you have any questions or require additional information, please call me at 414-277-6213.

Sincerely,

ARCADIS U.S., Inc.



Michael S. Maierle, PE  
Project Manager

Enclosures



OFF-SOURCE  
A  
PROPERTY

UNOFFICIAL COPY

\*recorded prior to the Acceptance Date (December 10, 2001), easements for public utilities located along side and rear lot lines serving the Property recorded prior to the Acceptance Date (December 10, 2001).

REEL 5252

IMAGE 3957



ARCADIS U.S., Inc.  
126 N. Jefferson Street, Suite 400  
Milwaukee, WI 53202  
Tel 414 276 7742  
Fax 414 276 7603  
www.arcadis-us.com

Ilmar Junge  
Junge & Associates, Inc.  
1811 W. Silver Spring Drive  
Glendale, WI 53209

Subject:  
Notification of Residual Groundwater Contamination, Crestwood Site, Glendale,  
Wisconsin  
BRRTS # 02-41-184990  
FID # 241958310

ENVIRONMENT

Dear Mr. Junge:

Date:  
1 March 2007

Groundwater contamination that appears to have originated on the property located at 5630-5666 North Green Bay and 1720-1800 West Silver Spring, Glendale, Wisconsin has migrated onto your property at 1811 West Silver Spring Drive, Glendale, Wisconsin. The levels of tetrachloroethylene, trichloroethylene, cis-1,2-dichloroethylene, and vinyl chloride contamination in the groundwater on your property are above the state groundwater enforcement standards found in ch. NR 140, Wis. Adm. Code. However, we have investigated this contamination and the groundwater contaminant plume is stable or receding and will naturally degrade over time. Allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in ch. NR 726, Wis. Adm. Code, and a request is being submitted to the Wisconsin Department of Natural Resources (WDNR) to allow for no further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Contact:  
Mike Maierle

Phone:  
414-277-6213

Email:  
mmaierle@arcadis-us.com

Our ref:  
WI000794.0002

Since the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. To obtain a copy of the WDNR's publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination," you may visit <http://www.dnr.state.wi.us/org/aw/rr/archives/pubs/RR589.pdf> or call 608-267-3859.

The WDNR will not review the closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to

Imagine the result

## ARCADIS

Ilmar Junge  
1 March 2007

provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the WDNR that is relevant to this closure request, you should mail that information to:

Pam Mylotta  
Wisconsin Department of Natural Resources  
4041 North Richards Street  
Milwaukee, Wisconsin 53212

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds ch. NR 140, Wis. Adm. Code groundwater enforcement standards (ES) will be listed on the WDNR's geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above ch. NR 140, Wis. Adm. Code ES was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

Once the WDNR makes a decision on my closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from ARCADIS, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at <http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

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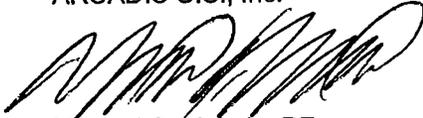
**ARCADIS**

Ilmar Junge  
1 March 2007

If you have any questions or require additional information, please call me at 414-277-6213.

Sincerely,

ARCADIS U.S., Inc.



Michael S. Maierle, PE  
Project Manager

DOCUMENT NO. 0

STATE BAR OF WISCONSIN FORM 1-1988  
WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING

5574148

REGISTER'S OFFICE  
Milwaukee County, Wis. } SS  
RECORDED AT 4:30 AM

NOV 9 1982  
REEL 1481 IMAGE 53-54

*James J. L...*  
REGISTER OF DEEDS

RETURN TO LLMAR JUNGE  
5321 N. PORT WASHINGTON RD  
MILWAUKEE, WI 53217

This Deed, made between O'CONNOR CLEANERS, INC.  
Grantor,  
and LLMAR JUNGE  
Grantee,

Witnesseth, That the said Grantor, for a valuable consideration  
conveys to Grantee the following described real estate in Milwaukee  
County, State of Wisconsin:

Tax Parcel No: 195-9000

A parcel of land in the Northeast Quarter of Section Thirty-one (31), in Township Eight (8) North, Range Twenty-two (22) East, in the City of Glendale, which is bounded and described as follows, to-wit: Commencing at a point in the North line of said quarter section, Seven Hundred Thirty-four and 98/100 (734.98) feet East of the Northwest corner thereof; running thence South at right angles to said section line Two Hundred Eighteen (218) feet to a point; thence East on a line parallel with the North line of said section, Eighty (80) feet to a point; thence North at right angles to said last line, Two Hundred Eighteen (218) feet to a point in the North line of said section; thence West along the North line of said section, Eighty (80) feet to the place of beginning, excepting those portions thereof used for highway purposes, and particularly excepting parcels conveyed by Document No. 2093314 and Document No. 3565048.

A parcel of land in the Northeast Quarter of Section Thirty-one (31), in Township Eight (8) North, Range Twenty-two (22) East, in the City of Glendale, which is bounded and described as follows, to-wit: Commencing at that point in the North line of said quarter section

This is not homestead property.  
(is) (is not)

This deed is given in satisfaction of a land contract dated January 30, 1981, together with all and singular the hereditaments and appurtenances thereto belonging;

And Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances, recorded easements for public utilities and recorded building restrictions,

and will warrant and defend the same.

Dated this 9/30 day of September, 1982

TRANSFER  
\$970.00  
FEE \$2

O'CONNOR CLEANERS, INC. (SEAL)  
*Lary B. O'Connor* (SEAL)  
LARY B. O'CONNOR, PRESIDENT  
*Dorothy B. O'Connor* (SEAL)  
DOROTHY B. O'CONNOR, SECRETARY

AUTHENTICATION

Signature(s) \_\_\_\_\_  
authenticated this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
TITLE: MEMBER STATE BAR OF WISCONSIN  
(If not authorized by § 706.06, Wis. Stats.)

ACKNOWLEDGMENT

STATE OF WISCONSIN  
Milwaukee County } ss.  
Personally came before me this 30 day of September, 1982, the above named O'CONNOR CLEANERS, INC. by LARY B. O'CONNOR, its president and by DOROTHY B. O'CONNOR, its secretary to me known to be the person who executed the foregoing instrument and acknowledge the same.  
*Kathy A. Wright*  
KATHY A. WRIGHT  
Notary Public, Milwaukee County, Wis.  
My Commission is permanent (if not state expiration date) \_\_\_\_\_  
By Commission Expires Jan. 16, 1983

THIS INSTRUMENT WAS DRAFTED BY  
Attorney John Staks

(Signatures may be authenticated or acknowledged. Both are not necessary.)

\*Names of persons signing in any capacity should be typed or printed below their signatures.

600

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which is Six Hundred Thirty-nine and 98/100 (639.98) feet East of the Northwest corner thereof; running thence South at right angles to said section line, Two hundred Eighteen (218) feet to a point; thence East on a line parallel to the North line of said quarter section, Ninety-five (95) feet to a point; thence North at right angles to said last line Two Hundred Eighteen (218) feet to a point in the North line of said quarter section; thence West along the North line of said quarter section Ninety-five (95) feet to the place of beginning, excepting those portions thereof used for highway purposes and particularly excepting parcels conveyed by Document No. 2093314 and Document No. 3581067.



*Infrastructure, environment, facilities*

Kimberly Grimm  
Development Director  
Continental Properties Company, Inc.  
10850 W. Park Place, 6<sup>th</sup> Floor  
Milwaukee, Wisconsin 53224

Subject:

Notification of Residual Groundwater Contamination, Crestwood Site, Glendale, Wisconsin.

BRRTS # 02-41-184990

FID # 241958310

Dear Ms. Grimm:

Groundwater contamination that appears to have originated on the property located at 5630-5666 North Green Bay and 1720-1800 West Silver Spring, Glendale, Wisconsin has migrated onto your property at 1735 West Silver Spring Drive, Glendale, Wisconsin. The levels of cis-1,2-dichloroethylene and vinyl chloride contamination in the groundwater on your property are above the state groundwater enforcement standards found in ch. NR 140, Wis. Adm. Code. However, we have investigated this contamination and the groundwater contaminant plume is stable or receding and will naturally degrade over time. Allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in ch. NR 726, Wis. Adm. Code, and a request is being submitted to the Wisconsin Department of Natural Resources (WDNR) to allow for no further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. To obtain a copy of the WDNR's publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination," you may visit <http://www.dnr.state.wi.us/org/aw/rr/archives/pubs/RR589.pdf> or call 608-267-3859.

Imagine the result

ARCADIS U.S., Inc.  
126 N. Jefferson Street, Suite 400  
Milwaukee, WI 53202  
Tel 414 276 7742  
Fax 414 276 7603  
[www.arcadis-us.com](http://www.arcadis-us.com)

ENVIRONMENT

Date:

1 March 2007

Contact:

Mike Maierle

Phone:

414-277-6213

Email:

[mmaierle@arcadis-us.com](mailto:mmaierle@arcadis-us.com)

Our ref:

WI000794.0002

Kimberly Grimm  
1 March 2007

## ARCADIS

The WDNR will not review the closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the WDNR that is relevant to this closure request, you should mail that information to:

Pam Mylotta  
Wisconsin Department of Natural Resources  
4041 North Richards Street  
Milwaukee, Wisconsin 53212

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds ch. NR 140, Wis. Adm. Code groundwater enforcement standards (ES) will be listed on the WDNR's geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above ch. NR 140, Wis. Adm. Code ES was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

Once the WDNR makes a decision on my closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from ARCADIS, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at <http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a regional water supply specialist in WDNR's Drinking Water and Groundwater Program. The well-construction applications, form 3300-254, is on the internet at, or may be accessed through the GIS Registry web address in the preceding paragraph.

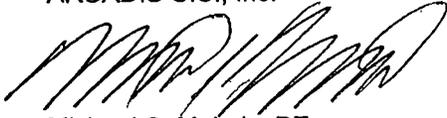
**ARCADIS**

Kimberly Grimm  
1 March 2007

If you have any questions or require additional information, please call me at 414-277-6213.

Sincerely,

ARCADIS U.S., Inc.



Michael S. Maierle, PE  
Project Manager

7573200  
DOCUMENT NO

STATE BAR OF WISCONSIN FORM 1 - 1982  
WARRANTY DEED

REGISTER'S OFFICE } ss  
Milwaukee County, WI }  
RECORDED AT -9 50 AM

This Deed, made between Wisconsin Gas Company, a  
Wisconsin Corporation  
and Continental 87 Fund, LLC, Grantor,  
Grantee.

JUL 20 1998  
REEL 4360 IMAGE 609-610  
Walter R. Bergel REGISTER  
OF DEEDS

Witnesseth, that the said Grantor, for a valuable consideration  
conveys to Grantee the following described real estate in Milwaukee  
County, State of Wisconsin

THIS SPACE RESERVED FOR RECORDING DATA  
NAME AND RETURN ADDRESS  
CONTINENTAL PROPERTIES  
JOELLYN BUCHHOLZ  
P.O. Box 220  
WENDONKE FALLS WI 53052

Parcel 1 of Certified Survey Map No. 6499, recorded on April 2,  
1998 on Reel 4278, Images 949 to 955 as Document No.  
7511509, being a part of the Northeast 1/4 and the Northwest 1/4  
of the Northeast 1/4 of Section 31, Town 8 North, Range 22 East,  
partly in the Cities of Milwaukee and Glendale, County of  
Milwaukee, State of Wisconsin, as corrected by Affidavit of  
Corrections recorded July 20, 1998 as Document No. 7567565.

195-8999-005  
PARCEL IDENTIFICATION NUMBER  
195-8999-004

TRANSFER  
\$ 2,939.10  
FEE

7573200  
RECORD 12.00  
RTX 2939.10

This is not  (is not) homestead property.

Together with all and singular the hereditaments and appurtenances thereto belonging,  
And Grantor  
warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except  
See Exhibit A attached hereto.

and will warrant and defend the same.

Dated this 22 day of July, 19 98

\_\_\_\_\_  
(SEAL) *Bronson J. Haase* (SEAL)  
Bronson J. Haase  
President and C.E.O.  
\_\_\_\_\_  
(SEAL) \_\_\_\_\_ (SEAL)

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) \_\_\_\_\_

State of Wisconsin, } ss.

authenticated this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Milwaukee County }  
Personally came before me this 22 day of  
July 19 98, the above named  
Bronson J. Haase

TITLE MEMBER STATE BAR OF WISCONSIN  
(If not, \_\_\_\_\_  
authorized by 8706.06, Wis Stats.)

to me known to be the person \_\_\_\_\_ who executed the foregoing  
instrument and acknowledge the same.

THIS INSTRUMENT WAS DRAFTED BY  
Lynn A. Sondreal  
von Briesen, Purtell & Roper, s.c.

*Lynn A. Sondreal*  
Lynn A. Sondreal  
Notary Public, Milwaukee County Wis.  
My commission is permanent (If not, state expiration date)  
19\_\_\_\_

(Signatures may be authenticated or acknowledged. Both are not  
necessary.)

\* Names of persons going in any capacity should be typed or printed below their signatures

1200

EXHIBIT A

Permitted Encumbrances.

1. Municipal and zoning ordinances; building restrictions and covenants recorded prior to July 16, 1997; easements for public utilities serving the Property recorded prior to July 16, 1997; and general real estate taxes levied in the year of closing.
2. Rights, if any, with respect to the maintenance and use of sewers, utility pipes, cables or conduits which may be installed under the surface of the subject premises.
3. Limitations on access contained in Warranty Deed recorded as Document No. 3563240.
4. Easements, if any, of the public or any school district, utility, municipality or person, as provided in Section 80.32(4) of the Statutes, for the continued use and right of entrance, maintenance, construction and repair of underground or overground structures, improvements or service in that portion of the subject premise which were formerly a part of 18<sup>th</sup> Street now partially vacated by Resolution recorded as Document No. 3932246.
5. Covenants, conditions and restrictions set forth on Certified Survey Map No. 6499 as Document No. 7511509.
6. Rights of the public and that portion of the premises lying within the limits of 18<sup>th</sup> Street.
7. Rights of Jewel Foods Stores, Inc., a New York corporation as Lessee under Lease entered into by and between said Lessee and Continental 87 Fund, LLC, a Wisconsin limited liability company as Lessor, dated May 11, 1998, Memorandum of which Lease was recorded on June 9, 1998, Reel 4325, Image 401, as Document No. 7545341, including any rights of said Lessee as owner of any tenant's fixtures located on the demised premises and any liens on such tenant's fixtures.



*Infrastructure, environment, facilities*

Douglas J. Lubotsky  
Glendale Housing Limited Partnership  
c/o LNR Affordable Housing, Inc.  
6420 SW Macadam Avenue, Suite 100  
Portland, OR 97201

Subject:

Notification of Residual Groundwater Contamination, Crestwood Site, Glendale,  
Wisconsin.  
BRRTS # 02-41-184990  
FID # 241958310

Dear Mr. Lubotsky:

Groundwater contamination that appears to have originated on the property located at 5630-5666 North Green Bay and 1720-1800 West Silver Spring, Glendale, Wisconsin has migrated onto your property at 1400 West Custer Avenue, Glendale, Wisconsin. The levels of vinyl chloride contamination in the groundwater beneath your property are above the state groundwater enforcement standards found in ch. NR 140, Wis. Adm. Code. However, we have investigated this contamination and the groundwater contaminant plume is stable or receding and will naturally degrade over time. Allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in ch. NR 726, Wis. Adm. Code, and a request is being submitted to the Wisconsin Department of Natural Resources (WDNR) to allow for no further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. To obtain a copy of the WDNR's publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination," you may visit <http://www.dnr.state.wi.us/org/aw/rr/archives/pubs/RR589.pdf> or call 608-267-3859.

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Imagine the result

ARCADIS U.S., Inc.  
126 N. Jefferson Street, Suite 400  
Milwaukee, WI 53202  
Tel 414 276 7742  
Fax 414 276 7603  
[www.arcadis-us.com](http://www.arcadis-us.com)

ENVIRONMENT

Date:  
1 March 2007

Contact:  
Mike Maierle

Phone:  
414-277-6213

Email:  
[mmaierle@arcadis-us.com](mailto:mmmaierle@arcadis-us.com)

Our ref:  
WI000794.0002

## ARCADIS

Douglas Lubotsky  
1 March 2007

provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the WDNR that is relevant to this closure request, you should mail that information to:

Pam Mylotta  
Wisconsin Department of Natural Resources  
4041 North Richards Street  
Milwaukee, Wisconsin 53212

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds ch. NR 140, Wis. Adm. Code groundwater enforcement standards (ES) will be listed on the WDNR's geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above ch. NR 140, Wis. Adm. Code ES was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR's internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

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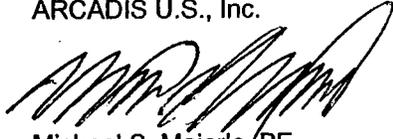
ARCADIS

Douglas Lubotsky  
1 March 2007

If you have any questions or require additional information, please call me at 414-277-6213.

Sincerely,

ARCADIS U.S., Inc.



Michael S. Maierle, PE  
Project Manager

7650744

STATE BAR OF WISCONSIN FORM 1 - 1982  
WARRANTY DEED

REEL 4456 IMAG 2839

DOCUMENT NO.

This Deed, made between Wisconsin Gas Company

Grantor,  
and Glendale Housing Limited Partnership, a Wisconsin  
limited partnership

Grantee,  
Witnesseth, that the said Grantor, for a valuable consideration,

conveys to Grantee the following described real estate in Milwaukee  
County, State of Wisconsin:

Parcel 2 of Certified Survey Map No. 6499, <sup>and the NW 1/4</sup> being a  
redivision of part of the Northeast 1/4 of the Northeast  
1/4 of Section 31, Township 8 North, Range 22 East,  
Partly in the cities of Milwaukee and Glendale,  
Milwaukee County, Wisconsin, recorded on April 2, 1998  
in the office of the Register of Deeds for Milwaukee  
County in Reel 4278, Images 949-955 inclusive, as  
Document No. 7511509. Affidavit of Correction recorded  
on July 20, 1998 in Reel 4353, Image 2520, as Document  
No. 7567565.

1998  
REGISTER'S OFFICE }  
Milwaukee County, WI }  
RECORDED AT - 9:15 PM

DEC 14 1998  
REEL 4456 IMAG 2839  
WISCONSIN REGISTER  
OF DEEDS

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS  
GARY R. BARNUM  
STOCK RIVES LLP  
900 SW FIFTH AVENUE  
SUITE 2600  
PORTLAND, OR 97204-1265

Part of 195-8999-003  
PARCEL IDENTIFICATION NUMBER  
Part of 195-8999-004

Grantor retains an easement for stormwater drainage  
purposes as described on Exhibit A attached hereto.

TRANSFER  
\$2,100.00  
FEE

7650744 #  
RECORD 20.00  
RTX 2100.00

This is not homestead property.  
~~XXX~~ (is not)

Together with all and singular the hereditaments and appurtenances thereto belonging  
And Grantor

warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except those encumbrances shown  
on Exhibit B attached hereto.

and will warrant and defend the same

Dated this 14 day of December, 1998

Bronson J. Haase (SEAL)  
Bronson J. Haase  
President and C.E.O. (SEAL)

AUTHENTICATION

Signature(s) \_\_\_\_\_

authenticated this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

TITLE: MEMBER STATE BAR OF WISCONSIN  
(If not, \_\_\_\_\_  
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Lynn A. Sondreal, Esq.  
von Briesen, Purtell & Roper, s.c.

(Signatures may be authenticated or acknowledged. Both are not  
necessary)

ACKNOWLEDGMENT

State of Wisconsin,

Milwaukee

County, } ss  
Personally came before me this 14 day of  
December, 1998, the above named  
Bronson J. Haase, President and C.E.O.

to me known to be the person \_\_\_\_\_ who executed the foregoing  
instrument and acknowledged the same.

Lynn A. Sondreal  
Notary Public, Milwaukee County, Wis

My commission is permanent  
XX

2000

REEL 4456 IMAG 2840

EXHIBIT A TO DEED

Reservation of Easement

Grantor does hereby reserve, for the benefit of Grantor's adjoining property, which is described as Parcel 3 of Certified Survey Map No. 6499 which is attached hereto and incorporated herein by reference ("Grantor's Property"), an exclusive easement (except as provided herein) for the operation, use, inspection, maintenance and repair (including reconstruction) of the storm sewer located on the Property conveyed to Grantee by this Deed ("Grantee's Property").

1. Location and Description of Easement Area <sup>NE 1/4 and the</sup> The Easement Area is described as a 15 foot wide easement being part of the NW 1/4 of the NE 1/4 of Section 31, T8N, Range 22 E. Partly in the cities of Milwaukee & Glendale, Milwaukee County, Wisconsin, the centerline described as follows: commencing at the SW Corner of Parcel 2, CSM 6499, as recorded in the Milwaukee County Register of Deeds as Document No. 7511509, thence North 00°13'17" W 133.54 feet along the W line of Parcel 2, to the point of beginning, thence N 89°41'21" E 145.39 feet, thence N 89°41'51" E 296.30 feet, thence S 82°40'16" E 230.59 to the East line of Parcel 2 and point of termination.
2. Nondisturbance and Repair of Grantee's Property. Grantor shall cause the least possible interference with the activities of Grantee, the occupants of Grantee's Property and their respective customers, agents, servants, employees, licensees and invitees and shall, at its sole cost and expense and promptly after completion of any work in the Easement Area, return the Easement Area to substantially the same condition as existed on the date of this Reservation of Easement, except that Grantor shall have no obligation to replace or repair any pavement or landscaping materials placed in the Easement Area by Grantee.
3. Grantee's Use. Grantee shall take no actions to interfere with Grantor's access to and use of the Easement Area or the storm sewer and shall place no building or structure upon the Easement Area, provided that Grantee may pave, landscape, or otherwise utilize the Easement Area so long as such use does not unreasonably interfere with Grantor's use of the Easement Area or Grantor's access to the storm sewer to exercise Grantor's rights reserved by this Reservation of Easement.
4. Relocation of Easement Area.
  - a. Relocation. Grantee may, at Grantee's sole cost and expense, relocate the Easement Area and reconstruct the storm sewer installed thereon in such a manner as will permit Grantee to connect the improvements to be constructed on Grantee's Property to the storm sewer, to that location as shown on the Storm Sewer Easement Exhibit attached hereto, provided that Grantee first provides Grantor written notice of its intent to relocate the Easement Area and reconstruct the storm sewer and obtains

REEL 4456 IMAG 2841

Grantor's approval of the design and size of the relocated storm sewer, which shall not be unreasonably withheld and provided further that construction and use of the relocated sewer shall not interrupt service to Grantor. The parties agree to execute such documents as Grantor and Grantee may deem necessary or appropriate to evidence the relocation of the Easement Area of record.

b. **Maintenance of Relocated Storm Sewer and Temporary Easement.** After relocation of the Easement Area and the storm sewer as provided above, Grantor and Grantee shall each be responsible for the repair and maintenance of the part of the storm sewer located on their respective properties. All repairs and maintenance shall be promptly performed by the responsible party but in no event later than ten (10) days after written notice from the nonresponsible party to the responsible party requesting proper and timely performance of the responsible party's obligations for repair and maintenance. In the event such work cannot reasonably be completed within the ten (10) day period, the responsible party shall be obligated to commence and complete such work as soon as reasonably possible under the circumstances exercising due diligence and complying with this requirement. In the event any repairs or maintenance are not timely performed by the responsible party, the nonresponsible party may, in its reasonable discretion, pursue such maintenance or repair after the expiration of three days after a second notice from the nonresponsible party to the responsible party advising the responsible party of the nonresponsible party's intention to proceed with the repair or maintenance. The responsible party shall reimburse the nonresponsible party for the reasonable cost of such repairs or maintenance within ten (10) days after a request for reimbursement has been made by the nonresponsible party to the responsible party. In the event that it becomes necessary for either party hereto to exercise its rights under this subparagraph, such party is hereby granted a temporary easement across and onto the other party's Property for such purposes.

5. **Indemnity.**

a. **Grantor's Indemnification.** Grantor, its successors and assigns, shall defend, indemnify and save harmless Grantee, its officers, agents and employees, and any mortgagee of Grantee's Property, against all suits, demands, causes of actions, liability for claims thereof for injury or damages of whatever nature, including death, or damage to property (i) arising out of or related to any negligent or intentional actions or inactions of Grantor, its agents, employees, licensees or contractors, their agents or employees in connection with this Easement; or (ii) arising out of any defaults hereunder.

b. **Grantee's Indemnification.** Grantee, its successors and assigns, shall defend, indemnify and save harmless Grantor, its officers, agents and employees, and any mortgagee of Grantor's Property, against all suits, demands, causes of actions, liability for claims thereof for injury or damages of whatever nature, including death, or damage to property (i) arising out of or related to any negligent or intentional actions or inactions of Grantee, its agents, employees, licensees or contractors, their

REEL 4456 IMAG 2842

agents or employees in connection with this Easement or the construction or use of the storm sewer, or (ii) arising out of any defaults hereunder.

6. **Governing Law.** This Easement shall be construed under and governed by the laws of the State of Wisconsin.
7. **Binding on Future Parties.** The provisions of this Easement shall run with the land and shall inure to the benefit of and be binding upon the parties, their successors and assigns.
8. **Entire Agreement.** This Easement constitutes the entire agreement between the parties with respect to the Easement.

**ACCEPTANCE BY GRANTEE:**

**Glendale Housing Limited Partnership**

By: **American Pacific Properties, Inc., an  
Oregon corporation, its General Partner**

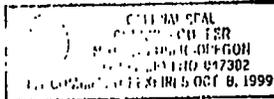
By:   
Thomas J. Kemper, President

REEL 4456 IMAG 2843

**Acknowledgment**

STATE OF OREGON        )  
                                  ) SS  
*Wallowa* COUNTY        )

Personally came before me this 12<sup>th</sup> day of December, 1998, Thomas J. Kemper, President of American Pacific Properties, Inc., the General Partner of Glendale Housing Limited Partnership, and acknowledged that he executed the foregoing instrument as the deed of said corporation, by its authority.



*Edward A. Cooper*  
Notary Public, Oregon  
My commission: 12/8/98

REEL 4456 IMAG 2844

**EXHIBIT B TO DEED**

**Permitted Encumbrances**

1. Taxes for the year 1998 and subsequent years, not now due or payable.
2. Easement granted to Wisconsin Electric Power Company by Instrument recorded on March 3, 1976, in Reel/Volume 912, Image/Page 333, as Document No. 4983693.
3. Covenant appearing on map of plat including insured premises, "that all utility lines to provide electric power and telephone service and cable television or communications systems lines, or cables to all lots shall be installed underground in easements provided therefore."

8017313

REGISTER'S OFFICE | SS  
Milwaukee County, WI

RECORDED AT 3:54 PM

01-29-2001

WALTER R. BARCZAK  
REGISTER OF DEEDS

AMOUNT 24.00

Document Number      Document Title

DEED RESTRICTIONS

(See document attached.)

Recording Area

Name and Return Address

Jeremy T. Whitt, Esq.  
Reinhart, Boerner, Van Deuren,  
Norris & Rieselbach, s.c.  
Suite 2100  
1000 North Water Street,  
Milwaukee, WI 53203-3400

Part of 195-9002

Parcel Identification Number (PIN)

8

DEED RESTRICTIONS

Parcel 1 of Certified Survey Map No. 6923 recorded in Milwaukee County on January 29, 2001 in Volume \_\_\_\_\_, Pages \_\_\_\_\_ as Document No. 8017316, being a redivision of Parcel 2 of Certified Survey Map No. 6499 recorded in Milwaukee County on April 2, 1998 in Volume 4278, Pages 949-955 as Document No. 7511509, and Affidavit of Correction recorded in Milwaukee County on July 20, 1998 in Volume 4353, Pages 2520-2522 as Document No. 7567565, being a division of lands in that part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 31, Township 8 North, Range 22 East, partly in the cities of Milwaukee and Glendale, Milwaukee County, Wisconsin

DECLARATION OF RESTRICTIONS

STATE OF Oregon )  
 )  
COUNTY OF Multnomah )

WHEREAS, Glendale Housing Limited Partnership, a Wisconsin limited partnership (hereinafter "Owner"), is the owner of the above-described property (hereinafter the "Property").

WHEREAS, it is the desire and intention of Owner to impose restrictions on the Property which will make it unnecessary to conduct further soil remediation activities on the Property and will preserve the integrity of certain engineering controls for the protection of human health and the environment.

NOW, THEREFORE, Owner hereby declares that all of the Property is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

On and after the date of this Declaration of Restrictions, the following activities are prohibited on the Property unless prior written approval has been obtained from the Wisconsin Department of Natural Resources, its successor or assigns (hereinafter collectively the "Department"): (1) excavating or grading, other than in conformance with the Cap Maintenance Plan attached hereto as Exhibit I; (2) filling or placing any material in landscaped areas other than clean topsoil or other clean landscaping material; (3) plowing for the cultivation of agricultural crops; and (4) construction or installation of a building or other structure, other than reconstruction of buildings and structures on the foundations that exist as of the date of this Deed Restriction as shown on Exhibit II.

On and after the date of this Deed Restriction, the following activities are prohibited on the Property unless done in accordance with the Cap Maintenance Plan attached hereto as Exhibit I, or after obtaining the prior written approval of the Department: (1) utility repairs; (2) removal, repair or replacement of pavement; and (3) placement of plants or other landscaping features that require excavation or grading.

Otherwise prohibited actions that are necessary to respond to emergencies or conditions presenting an imminent and substantial threat to human health, safety or property may be undertaken without the prior written approval of the Department: however, the Department shall be notified of such actions as soon as possible.

These restrictions are hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the Property whether by descent, devise, purchase or otherwise. This restriction inures to the benefit of and is enforceable by the Department. The Department may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the Property described above may request that the Department issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished.

IN WITNESS WHEREOF, the owner of the Property has executed this Declaration of Restrictions this 26<sup>th</sup> day of JANUARY, 2001.

GLENDALE HOUSING LIMITED  
PARTNERSHIP

BY [Signature]  
Print Name: Chuck Park  
Its: Vice President

Subscribed and sworn to before me this 26<sup>th</sup> day of JANUARY, 2001.

[Signature]  
Notary Public, State of OREGON  
My Commission Expires June 26, 2004



EXHIBIT  
TO DEED RESTRICTION

CAP MAINTENANCE PLAN

THIS CAP MAINTENANCE PLAN ("Cap Maintenance Plan") is made this 26<sup>th</sup> day of January, 2001, by GLENDALE HOUSING LIMITED PARTNERSHIP, a Wisconsin limited partnership ("Owner"), and, subject to the terms of the attached Deed Restrictions, shall be applicable to that certain real property in the City of Glendale, Milwaukee County, Wisconsin, more specifically described in the attached Deed Restrictions (the "Property").

1. **Annual Inspections.** Not less than annually, the paved areas of the Property and the landscaped areas of the Property shall be inspected to ensure that the integrity of the soil cover in the landscaped areas is maintained and that no significant fissures or cracks develop in the paved areas which would allow a materially significant increase in the infiltration and percolation of precipitation or surface water through the contaminated soils beneath the paved areas. Any disturbances of the soil cover or significant cracking of the pavement shall be noted. Upon completion of the inspection, a brief report shall be prepared which identifies the date of the inspection, the individual(s) conducting the inspection, any observed disturbance of the soil cover in the landscaped areas, and any significant cracking observed in the paved areas. A copy of the inspection report shall be kept on file by Owner and/or the property manager of the Property (the "Property Manager"), with a copy of this Cap Maintenance Plan, and shall be made available for inspection by representatives of the Wisconsin Department of Natural Resources, upon reasonable request, during the normal business hours of Owner or the Property Manager.

2. **Repairs to Capped Areas.** If, during the annual inspection or other routine inspections of the Property, the soil cover is observed to have been disturbed or significant cracking is observed in paved areas, Owner shall arrange to have repairs made to such areas, in a manner consistent with this Cap Maintenance Plan. Such repairs shall be carried out within a reasonable period of time, not to exceed one hundred twenty (120) days, subject to weather and season considerations.

3. **Landscaping Maintenance.** Owner of the Property shall maintain the vegetative cover in landscaped areas according to the custom and practice of the landscaping industry applicable to similarly situated properties in the Metropolitan Milwaukee area. In the event it becomes necessary, or if Owner desires to install or replace trees, shrubs, fencing or retaining walls, or perform other landscaping that would

penetrate below the soil cap into the contaminated soils below the soil cap, the following steps shall be taken:

A. The contractor performing the work shall be provided with a copy of this Cap Maintenance Plan and shall prepare a health and safety plan, appropriate to the work being performed, to protect workers from any significant or health threatening exposure to contaminated soils beneath the clean soil cover.

B. Any excavated clean soils from the soil cover shall be separated and segregated so that they may be replaced upon completion of the work. Any excavation into the contaminated soils beneath the soil cover shall be conducted in accordance with the health and safety plan, and any excavated contaminated soils shall be segregated and kept on site in conformance with the requirements of Chapter NR718, Wis. Adm. Code until completion of the work.

C. Upon completion of the work, previously excavated contaminated soils may be placed back into the excavation, but only to the extent such replacement does not interfere with the replacement and maintenance of the minimum one foot of clean soil cover over the area of the excavation, and does not constitute a violation of Wisconsin hazardous waste management law (Chapter 291, Wis. Stats.). The clean soil cover material and any additional clean soil necessary to bring the excavation to grade shall be replaced in such a way as to maintain a minimum one foot of clean soil cover, and the area of the excavation shall be seeded and/or mulched in a manner consistent with the landscape plan for the areas and standard landscaping custom and practice.

D. Any remaining contaminated soils that cannot be replaced in the excavation shall be properly characterized and disposed of at an appropriately licensed facility.

E. A brief memorandum report describing the work performed, identifying the person(s) performing the work and verifying that this Cap Maintenance Plan was adhered to, shall be prepared and kept on file by Owner and/or the Property Manager, and shall be made available for inspection by representatives of the Wisconsin Department of Natural Resources, upon reasonable request, during the normal business hours of Owner or Property Manager.

4. **Pavement Replacement and Repairs.** If it becomes necessary or desirable to remove or replace pavement, or perform repairs to paved areas, the pavement removal, repair or replacement shall be undertaken in the following manner:

A. The contractor performing the work shall be provided with a copy of this Cap Maintenance Plan and shall prepare a health and safety plan appropriate to the

work being performed to protect workers from any significant or health threatening exposure to contaminated soils beneath the paved area.

B. Any excavated clean soils from the soil cover, or granular layer materials where they exist beneath the paved area to be removed or repaired, shall be separated and segregated so that they may be replaced upon completion of the work. Any excavation into the contaminated soils beneath the soil cover, pavement or granular layer shall be conducted in accordance with the health and safety plan, and any excavated contaminated soils shall be segregated and kept on site in conformance with the requirements of Chapter NR718, Wis. Adm. Code until completion of the work.

C. Upon completion of the work, previously excavated contaminated soils may be placed back into the excavation, but only to the extent such replacement does not interfere with the replacement and maintenance of either the minimum one foot of clean soil cover and/or granular layer over the area of the excavation, and does not constitute a violation of Wisconsin hazardous waste management law (Chapter 291, Wis. Stats.). The clean soil cover material or granular layer material, and any additional clean soil or granular materials necessary to bring the excavation to grade, shall be replaced in such a way as to maintain either the minimum one foot of clean soil cover or the original thickness of the granular layer, if they previously existed beneath the pavement, and the area of the excavation shall be paved in a manner consistent with its original condition.

D. Any remaining contaminated soils that cannot be replaced in the excavation shall be properly characterized and disposed of at an appropriately licensed facility.

E. A brief memorandum report describing the work performed, identifying the person(s) performing the work and verifying that this Cap Maintenance Plan was adhered to, shall be prepared and kept on file by Owner and/or the Property Manager, and shall be made available for inspection by representatives of the Wisconsin Department of Natural Resources, upon reasonable request, during the normal business hours of Owner or Property Manager.

5. **Utility Repairs.** No utility repairs or installation of new or replacement utilities shall be conducted on the Property until after the utility and any contractor(s) for the utility have acknowledged receipt of a copy of this Cap Maintenance Plan. The utility repairs or installation(s) shall be conducted in strict conformance with the standards set forth above with respect to excavations into landscaped areas and paved areas. In addition, if the utility repairs or installation(s) involve any disturbance of the seals used to seal the entrance of utility lines into structures on the Property, such seals shall be replaced with new seals of like or superior quality. The utility or its contractor(s) shall prepare a memorandum report regarding the work, as set forth above, which shall be kept on file and made available for inspection by representatives of the Wisconsin Department

of Natural Resources, upon reasonable request, during the normal business hours of Owner or the Property Manager.

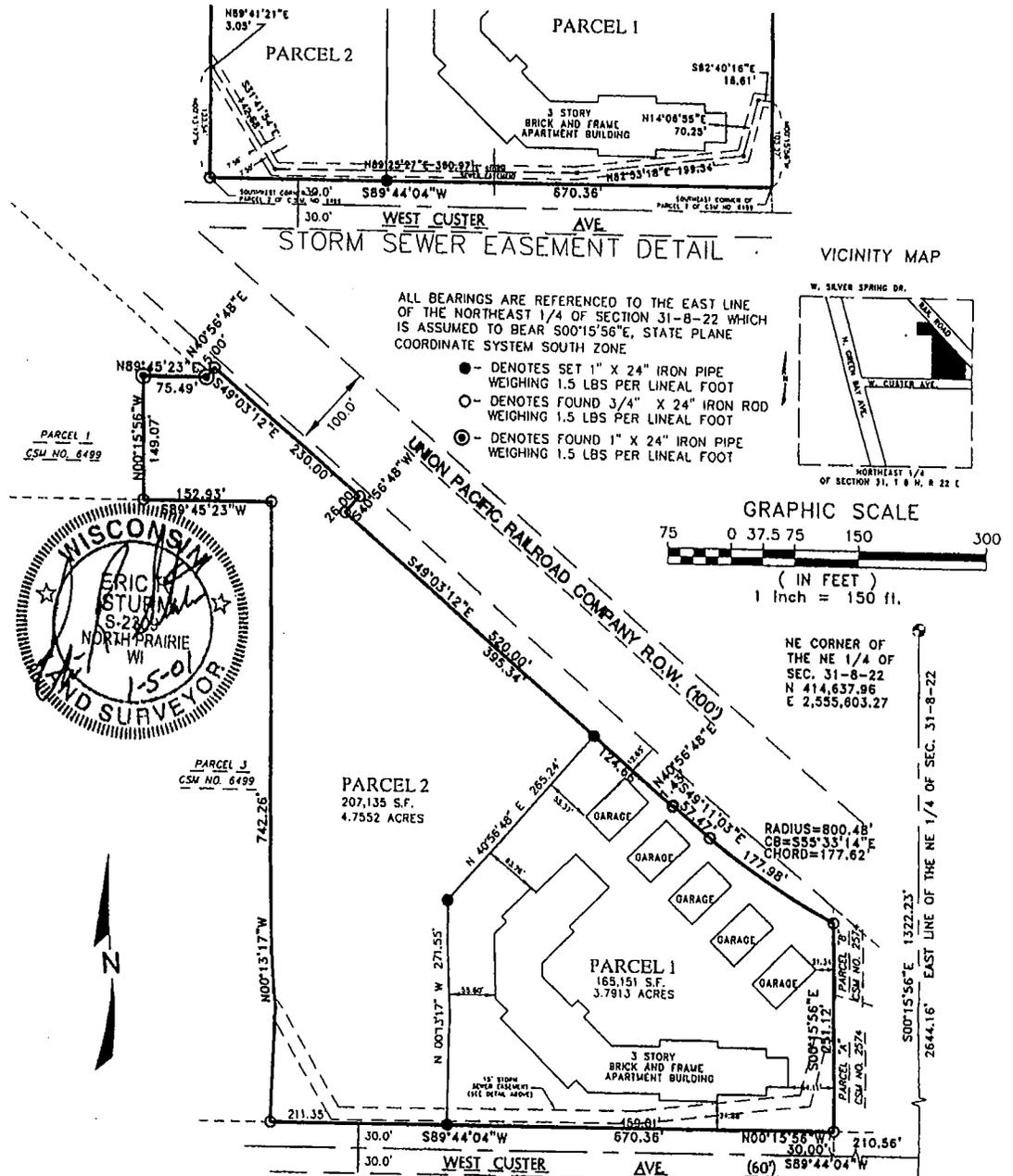
6. **Successors and Assigns.** Every obligation under this Cap Maintenance Plan shall run with the land and shall be binding upon Owner and upon the heirs, personal representatives, lessees, sublessees, invitees, permittees, successors and assigns of the fee owner of the Property and any subdivision thereof. Any reference to "Owner" shall apply only so long as the party owns all or a portion of real property within the Property, and thereafter such reference shall be intended to apply to such party's successors or assigns with respect to such interest. In the event the Property is now or hereafter subdivided, partitioned or otherwise divided into two or more separate parcels (each, a "Parcel"), the obligations of Owner hereunder with respect to each such Parcel shall devolve upon and be the sole responsibility of the fee Owner of such Parcel and its successors and assigns with respect to such Parcel. Any transferee of Owner's interest in the entire Property or any Parcel shall automatically be deemed, by acceptance of title to such property, to have assumed all of the obligations set forth in this Cap Maintenance Plan relating to such property. The transferring Owner shall, when such transfer is consummated, be relieved of all liability that arises thereafter under this Cap Maintenance Plan with respect to the Parcel or Property so conveyed by said Owner, but such Owner shall not thereby be relieved of liability that arose before such transfer which remains unsatisfied.

EXHIBIT II  
TO DEED RESTRICTION

Site Plan Showing Buildings and Structures

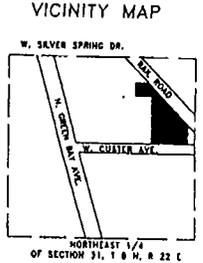
CERTIFIED SURVEY MAP NO. 6923

BEING A REDIVISION OF PARCEL 2 OF CERTIFIED SURVEY MAP NO. 6499 IN PART OF THE  
NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31, TOWN 8 NORTH, RANGE 22 EAST,  
IN THE CITY OF GLENDALE, MILWAUKEE COUNTY, WISCONSIN.



ALL BEARINGS ARE REFERENCED TO THE EAST LINE OF THE NORTHEAST 1/4 OF SECTION 31-8-22 WHICH IS ASSUMED TO BEAR S00°15'56"E, STATE PLANE COORDINATE SYSTEM SOUTH ZONE

- DENOTES SET 1" X 24" IRON PIPE WEIGHING 1.5 LBS PER LINEAL FOOT
- DENOTES FOUND 3/4" X 24" IRON ROD WEIGHING 1.5 LBS PER LINEAL FOOT
- ⊙ DENOTES FOUND 1" X 24" IRON PIPE WEIGHING 1.5 LBS PER LINEAL FOOT



National Survey & Engineering

SITELINE  
SPCS02  
159618-RUK

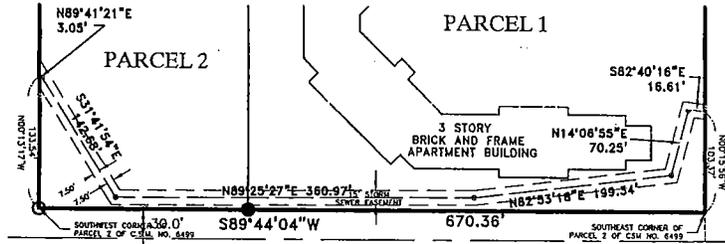
Telephone 262-781-1000  
Facsimile 262-781-8488

16745 W. Bluemound Road  
Suite 200  
Brookfield, WI 53008-6938  
www.nse.com

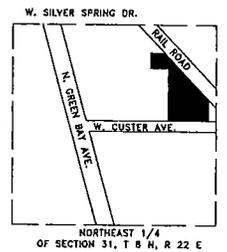


# CERTIFIED SURVEY MAP NO. 6923

BEING A REDIVISION OF PARCEL 2 OF CERTIFIED SURVEY MAP NO. 6499 IN PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31, TOWN 8 NORTH, RANGE 22 EAST, IN THE CITY OF GLENDALE, MILWAUKEE COUNTY, WISCONSIN.

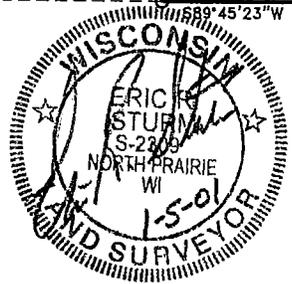
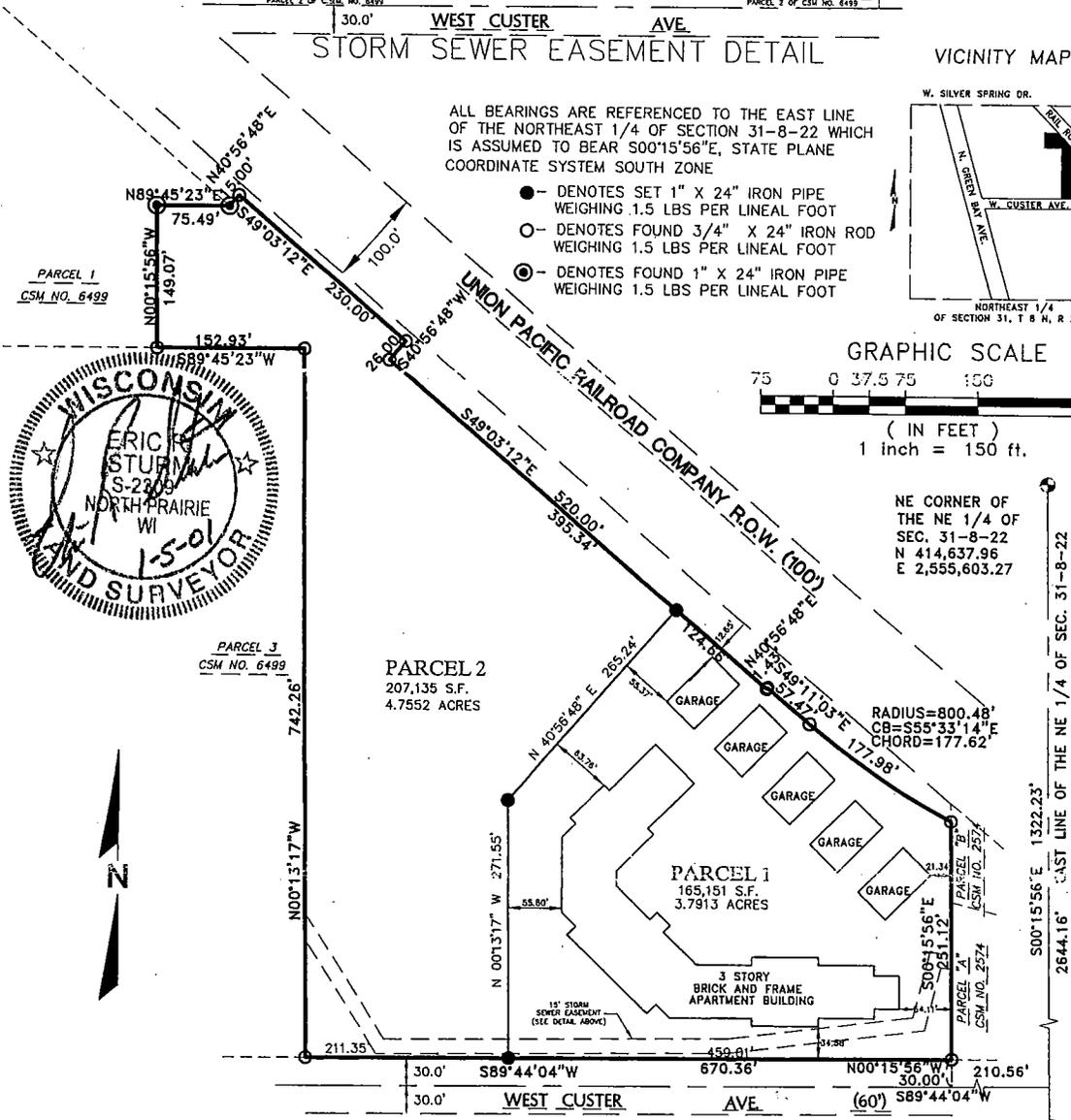
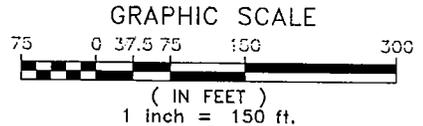


**VICINITY MAP**



ALL BEARINGS ARE REFERENCED TO THE EAST LINE OF THE NORTHEAST 1/4 OF SECTION 31-8-22 WHICH IS ASSUMED TO BEAR S00°15'56"E, STATE PLANE COORDINATE SYSTEM SOUTH ZONE

- DENOTES SET 1" X 24" IRON PIPE WEIGHING 1.5 LBS PER LINEAL FOOT
- DENOTES FOUND 3/4" X 24" IRON ROD WEIGHING 1.5 LBS PER LINEAL FOOT
- ⊙ DENOTES FOUND 1" X 24" IRON PIPE WEIGHING 1.5 LBS PER LINEAL FOOT



**National Survey & Engineering**

SITE BALANCE  
 SPCSOL2  
 159616--RWK

Telephone 262-781-1000  
 Facsimile 262-781-8468

18745 W. Bluemound Road  
 Suite 200  
 Brookfield, WI 53005-5938  
 www.nsea.com



CERTIFIED SURVEY MAP NO. 6923

Being a redivision of Parcel 2 of Certified Survey Map No. 6499 in part of the Northeast 1/4 of the Northeast 1/4 of Section 31, Town 8 North, Range 22 East, in the City of Glendale, Milwaukee County, Wisconsin.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN    }  
                                  :SS  
WAUKESHA COUNTY       }

I, ERIC R. STURM, Registered Land Surveyor, do hereby certify:

THAT I have surveyed, divided and mapped a redivision of Parcel 2 of Certified Survey Map No. 6499 in part of the Northeast 1/4 of the Northeast 1/4 of Section 31, Town 8 North, Range 22 East, in the City of Glendale, Milwaukee County, Wisconsin., bounded and described as follows:

COMMENCING at the Northeast corner of said 1/4 Section; thence South 00°15'56" East along the East line of said 1/4 Section 1322.23 feet to a point; thence South 89°44'04" West 210.56 feet to a point; thence North 00°15'56" West 30.00 feet to a point in the North line of West Custer Avenue and the point of beginning of lands to be described; thence South 89°44'04" West along said North line 670.36 feet to the Southeast corner of Parcel 3 of Certified Survey Map No. 6499; thence North 00°13'17" West along the East line of said Parcel 3 for a distance of 742.26 feet to the Northeast corner of said Parcel 3; thence South 89°45'23" West along the North line of said Parcel 3 for a distance of 152.93 feet to the Southeast corner of Parcel 1 of said Certified Survey Map No. 6499; thence North 00°15'56" West along the East line of said Parcel 1 for a distance of 149.07 feet to a point; thence North 89°45'23" East 75.49 feet to a point; thence North 40°56'48" East 15.00 feet to a point; thence South 49°03'12" East 230.00 feet to a point; thence South 40°56'48" West 26.00 feet to a point; thence South 49°03'12" East 520.00 feet to a point; thence North 40°56'48" East 1.43 feet to a point; thence South 49°11'03" East 57.47 feet to a point; thence Southeasterly 177.98 feet along the arc of a curve, whose center lies to the Northeast, whose radius is 800.48 feet and whose chord bears South 55°33'14" East 177.62 feet to a point; thence South 00°15'56" East along the West line of Parcel B and A of Certified Survey Map No. 2574 for a distance of 251.12 feet to the point of beginning.  
Containing 6.9512 acres of land, more or less.

THAT I have made the survey, land division and map by the direction of GLENDALE HOUSING LIMITED PARTNERSHIP, owner of said land.

THAT the map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

THAT I have fully complied with Chapter 236 of the Wisconsin Statutes, and the Land Division Regulations of the City of Glendale in surveying, dividing and mapping the same.

DATE January 5, 2001  (SEAL)  
ERIC R. STURM,  
REGISTERED LAND SURVEYOR S-2309



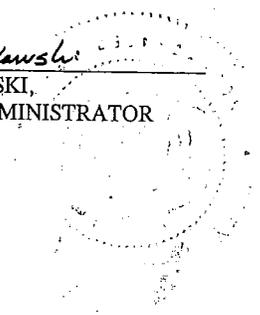
CERTIFIED SURVEY MAP NO. 6923

Being a redivision of Parcel 2 of Certified Survey Map No. 6499 in part of the Northeast 1/4 of the Northeast 1/4 of Section 31, Town 8 North, Range 22 East, in the City of Glendale, Milwaukee County, Wisconsin.

GLENDALE COMMON COUNCIL APPROVAL

THIS Certified Survey Map is hereby approved by the Common Council of the City of Glendale, in accordance with resolution adopted on this 22 day of JANUARY, 2001.

Richard E Maslowski  
RICHARD E. MASLOWSKI,  
CITY ADMINISTRATOR

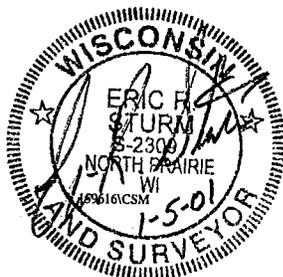


8017310

REGISTER'S OFFICE }  
Milwaukee County, WI } SS  
RECORDED AT 3:44 P.M.

JAN 29 2001  
REEL 4991 IMAGE 0828 to 0831 incl  
Walter R. Barycz REGISTER  
OF DEEDS

8017310  
Amt. 16.00

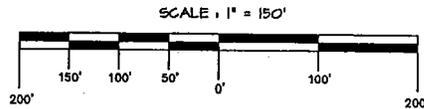


THIS INSTRUMENT WAS DRAFTED BY ERIC R. STURM,  
REGISTERED LAND SURVEYOR S-2309

CERTIFIED SURVEY MAP NO. **6499**

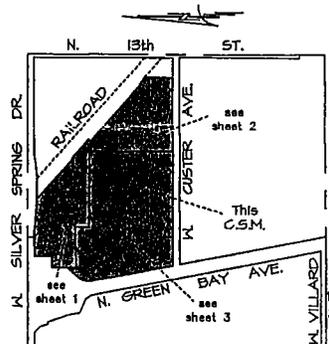
THAT PART OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31, TOWNSHIP 8 NORTH, RANGE 22 EAST, PARTLY IN THE CITIES OF MILWAUKEE AND GLENDALE, MILWAUKEE COUNTY, WISCONSIN.

CITY OF MILWAUKEE TAX KEY NO. 195-9938-112  
CITY OF MILWAUKEE ZONING: L/D/40



- DENOTES SET 3/4" X 24" LONG IRON REBAR WEIGHING 15 LBS. PER LINEAL FOOT.

ALL BEARINGS ARE REFERENCED TO THE NORTH LINE OF THE NORTHEAST 1/4 OF SECTION 31-8-22, WHICH IS ASSUMED TO BEAR S 89°59'27" W, STATE PLANE COORDINATE SYSTEM SOUTH ZONE 1990 EDITION.



LOCATION SKETCH  
NORTHEAST 1/4 SECTION 31-8-22  
1" = 2000'

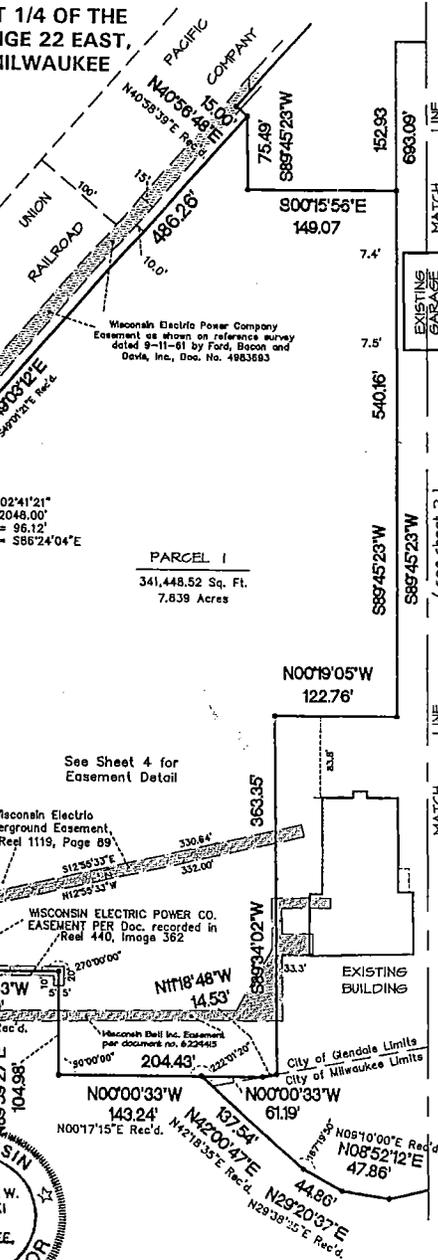
The Northeast Corner of the Northeast 1/4 of Section 31-8-22  
N 414,637.96  
E 2,553,603.27  
Conc. Mon. w/coop

The North line of the Northeast 1/4 of Section 31-8-22

The North line of the Northeast 1/4 of Section 31-8-22

The North line of the Northeast 1/4 of Section 31-8-22

The Northwest Corner of the Northeast 1/4 of Section 31-8-22  
N 414,637.44  
E 2,550,956.17  
Conc. Mon. w/coop



FREDERICK W. SHIBILSKI S-1154

**SURVEYING ASSOCIATES, INC.**  
2524 N. LOOMIS STREET  
DEPT. OF MATHEMATICS, WI 53226  
MILWAUKEE, WI 53226  
TEL: 414-257-2212  
FAX: 414-257-2444

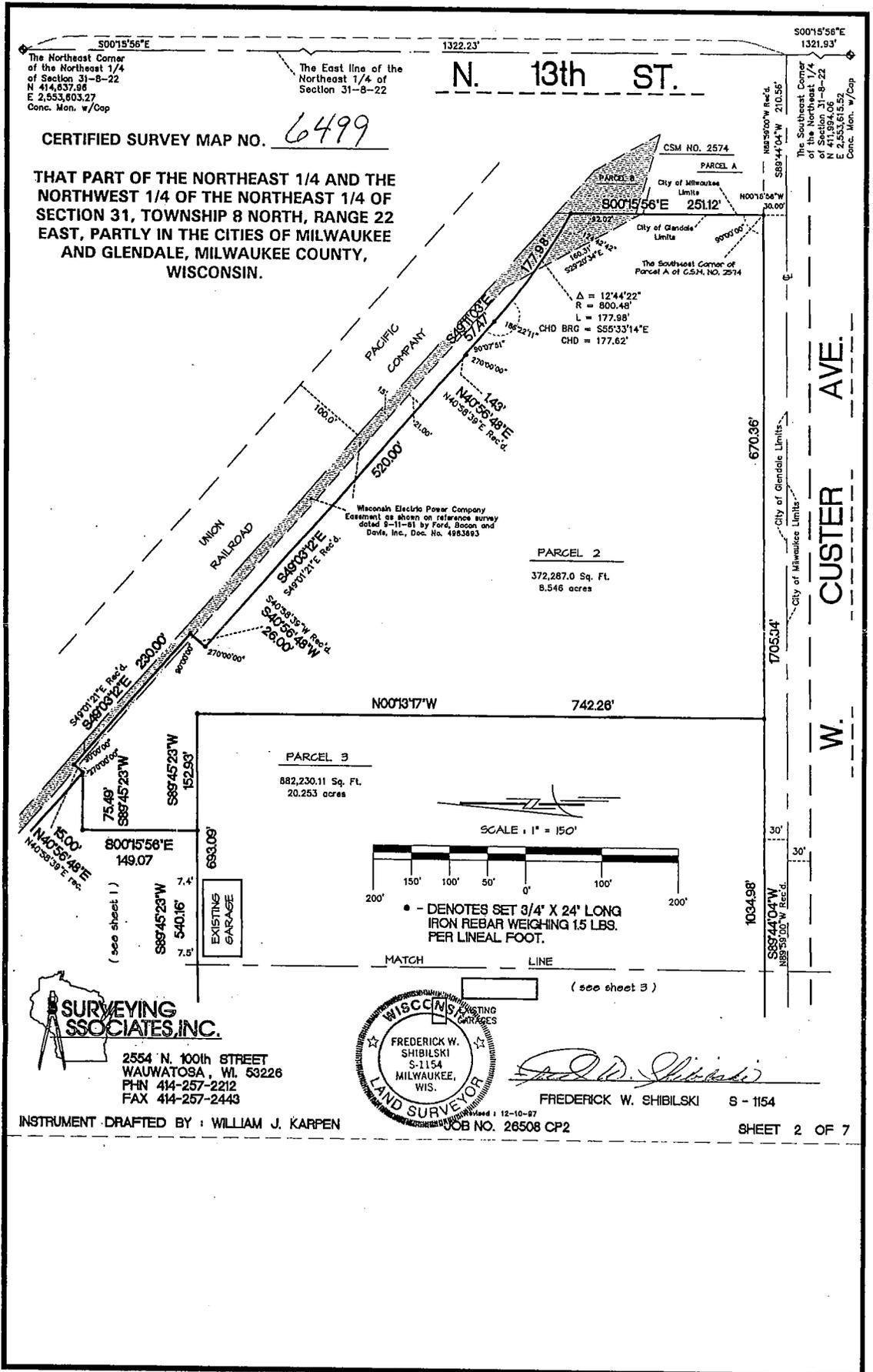
INSTRUMENT DRAFTED BY WILLIAM J. KARPEN

JOB NO. 26508 CPI

SHEET 1 OF 7

**FEB 12 1998**  
STAFF APPROVED  
**RECEIVED**  
**FEB 11 1998**  
DEPT. OF  
City Development

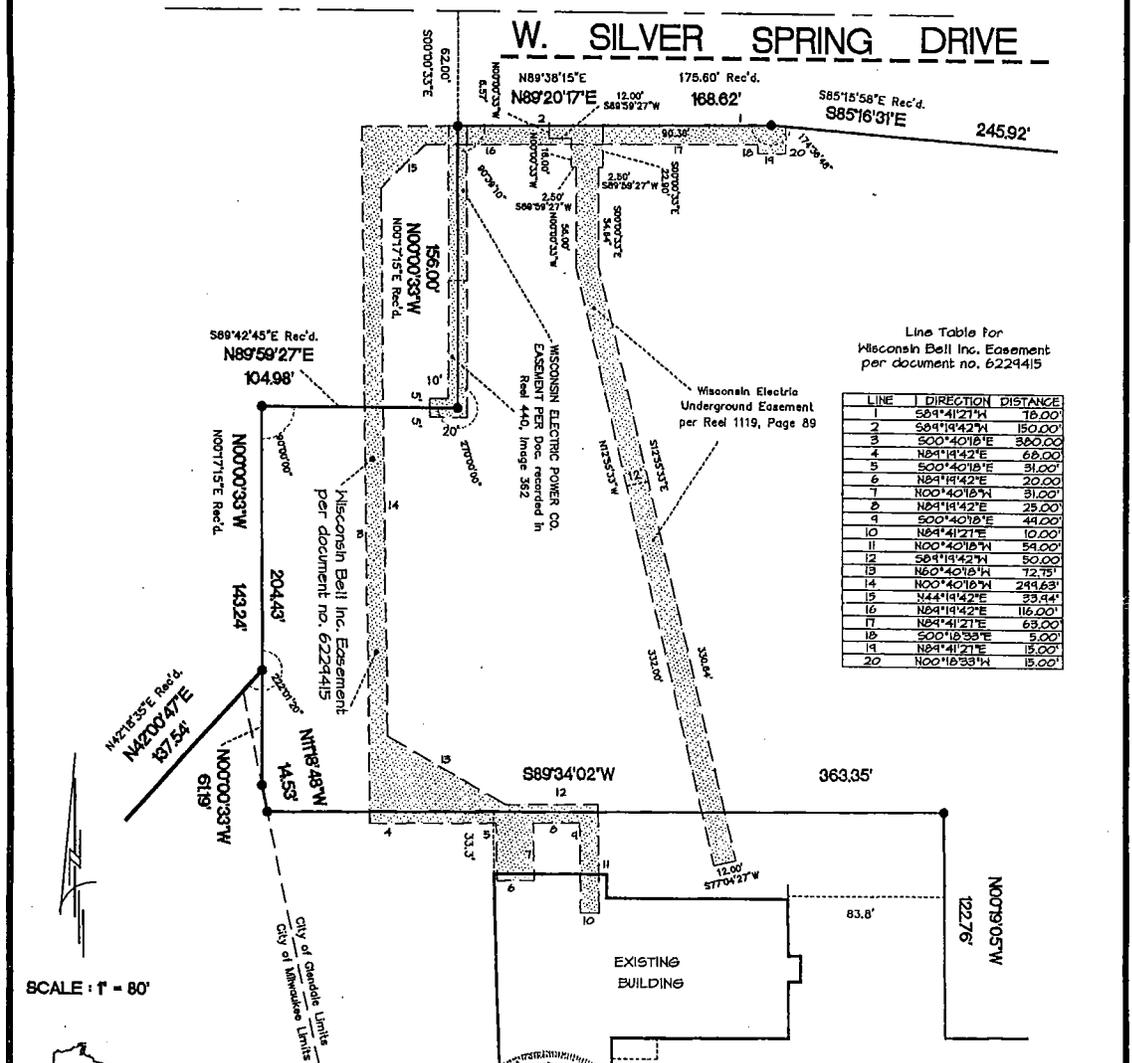
**INFRASTRUCTURE SERVICES DIVISION**  
*Earl J. Albrecht 2/18/98*  
CHIEF DRAFTSMAN  
*Martin Cegina 2/18/98*  
ENG. IN CHARGE ENVIRON. ENG.  
**CORRECT**  
*Mariano Schifalacqua 2/18/98*  
CITY ENGINEER  
**APPROVED**





CERTIFIED SURVEY MAP NO. 6499

THAT PART OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31,  
TOWNSHIP 8 NORTH, RANGE 22 EAST, PARTLY IN THE CITIES OF MILWAUKEE AND GLENDALE,  
MILWAUKEE COUNTY, WISCONSIN.



Line Table for  
Wisconsin Bell Inc. Easement  
per document no. 6229415

| LINE | DIRECTION   | DISTANCE |
|------|-------------|----------|
| 1    | S64°41'21\" | 16.00'   |
| 2    | S64°19'42\" | 150.00'  |
| 3    | S00°40'18\" | 360.00'  |
| 4    | N84°19'42\" | 68.00'   |
| 5    | S00°40'18\" | 31.00'   |
| 6    | N84°19'42\" | 25.00'   |
| 7    | N00°40'18\" | 31.00'   |
| 8    | N84°19'42\" | 25.00'   |
| 9    | S00°40'18\" | 44.00'   |
| 10   | N84°41'21\" | 10.00'   |
| 11   | N00°40'18\" | 54.00'   |
| 12   | S84°19'42\" | 50.00'   |
| 13   | N60°40'18\" | 72.75'   |
| 14   | N00°40'18\" | 299.63'  |
| 15   | S44°19'42\" | 23.44'   |
| 16   | N84°19'42\" | 116.00'  |
| 17   | N84°41'21\" | 69.00'   |
| 18   | S00°18'59\" | 5.00'    |
| 19   | N84°41'21\" | 15.00'   |
| 20   | N00°18'59\" | 15.00'   |

SCALE: 1" = 80'

**SURVEYING ASSOCIATES, INC.**  
2554 N. 100th STREET  
WAUWATOSA, WI. 53226  
PHN 414-257-2212  
FAX 414-257-2443



*Frederick W. Shibilski*  
FREDERICK W. SHIBILSKI S - 1154

REEL 4278 IMAG 953

DCD #1934

CERTIFIED SURVEY MAP NO. 6499

THAT PART OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31,  
TOWNSHIP 8 NORTH, RANGE 22 EAST, PARTLY IN THE CITIES OF MILWAUKEE AND GLENDALE,  
MILWAUKEE COUNTY, WISCONSIN.

SURVEYOR'S CERTIFICATE  
STATE OF WISCONSIN  
MILWAUKEE COUNTY, SS

I, Frederick W. Shibilski, a registered land surveyor do hereby certify:

That I have surveyed, divided and mapped that part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 31, Township 8 North, Range 22 East, partly in the Cities of Milwaukee and Glendale, Milwaukee County, Wisconsin, bounded and described as follows: Commencing at the Northeast corner of the Northeast 1/4 of Section 31; thence South 89° 59' 27" West along the North line of said 1/4 Section 1832.83 feet, thence South 00° 00' 33" East, 62.00 feet to a point on the Southerly right-of-way line of West Silver Spring Drive and the point of beginning of the land to be described; thence North 89° 20' 17" East along said right-of-way line (recorded as North 89° 38' 15" East, 175.60 feet), 168.62 feet; thence South 85° 16' 31" East along said right-of-way line (recorded as South 85° 15' 58" East), 245.92 feet to a point of curvature; thence Southeasterly 96.12 feet along said right-of-way line, said line being the arc of a curve having a radius of 2,048.00 feet, its' centerpoint to the Northeast, a central angle of 02° 41' 21" and a long chord that bears South 86° 24' 04" East, 96.12 feet; thence South 49° 03' 12" East (recorded as South 49° 01' 21" East), parallel to the Southwesterly right-of-way line of the Union Pacific Railroad Company, 486.26 feet; thence North 40° 56' 48" East (recorded as North 40° 58' 39" East), perpendicular to said right-of-way line 15.00 feet; thence South 49° 03' 12" East (recorded as South 49° 01' 21" East), parallel to said right-of-way line 230.00 feet; thence South 40° 56' 48" West (recorded as South 40° 58' 39" West), perpendicular to said right-of-way line, 26.00 feet; thence South 49° 03' 12" East (recorded as South 49° 01' 21" East), parallel to said right-of-way line, 520.00 feet; thence North 40° 56' 48" East (recorded as North 40° 58' 39" East), perpendicular to said right-of-way line, 1.43 feet; thence South 49° 11' 03" East, parallel to and 10.00 feet Northeasterly of the centerline of an existing spur track, 57.47 feet to a point of curvature; thence Southeasterly 177.98 feet along said line, said line being the arc of a curve with a radius of 800.48 feet, its' centerpoint to the Northeast, a central angle of 12° 44' 22" and a long chord bearing South 55° 33' 14" East, 177.62 feet to a point on the West line of Certified Survey Map No. 2574; thence South 00° 15' 56" East along said West line 251.12 feet to a point on the North right-of-way line of West Custer Avenue; thence South 89° 44' 04" West (recorded as North 89° 59' 00" West), along said North line, 1705.34 feet to a point on the Easterly right-of-way line of North Green Bay Avenue; thence North 11° 18' 48" West (recorded as North 11° 01' 00" West), along said Easterly line, 552.85 feet; thence North 09° 47' 38" West (recorded as North 09° 29' 50" West) along said Easterly line, 128.78 feet; thence North 12° 59' 58" West (recorded as North 12° 42' 10" West), along said Easterly line, 84.11 feet; thence North 80° 52' 12" East (recorded as 09° 10' 00" East), along said Easterly line, 47.86 feet; thence North 29° 20' 37" East (recorded as North 29° 38' 25" East), along said Easterly line, 44.86 feet; thence North 42° 00' 47" East (recorded as North 42° 18' 35" East), along said Easterly line, 137.54 feet; thence North 00° 00' 33" West (recorded as North 00° 17' 15" East), along said Easterly line, 143.24 feet; thence North 89° 59' 27" East (recorded as South 89° 42' 45" East), 104.98 feet; thence North 00° 00' 33" West (recorded as North 00° 17' 15" East), 156.00 feet to the point of beginning. Containing 1,595,969.72 square feet (36.638 acres) of land.

That I have made such survey, land division and map by the direction of the Wisconsin Gas Company, owner of said land.

That such map is a correct representation of all the exterior boundary of the land surveyed and the land division thereof made.

That I have fully complied with Chapter 236 of the Wisconsin State Statutes and Chapter 119 of the Milwaukee Code and the Land Division Regulations of the City of Glendale in surveying, dividing and mapping the same.

Dated this 17th day of November, 1997.

 *Frederick W. Shibilski*  
Frederick W. Shibilski S-1154  
Wisconsin Registered Land Surveyor

REEL 4278 IMAG 954

DCD#1934

CERTIFIED SURVEY MAP NO. 6499

THAT PART OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31,  
TOWNSHIP 8 NORTH, RANGE 22 EAST, PARTLY IN THE CITIES OF MILWAUKEE AND GLENDALE,  
MILWAUKEE COUNTY, WISCONSIN.

**CORPORATE OWNERS CERTIFICATE:**

The Wisconsin Gas Company, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said corporation caused the land described on this map to be surveyed, divided, and mapped as represented on this map in accordance with the requirements of Chapter 119 of the Milwaukee Code of Ordinances and the Land Division Regulations of the City of Glendale.

In consideration of the approval of this map by the Common Council, and in accordance with Chapter 119 of the Milwaukee Code of Ordinances, the undersigned agrees:

- a. That all utility lines to provide electric power and telephone services and cable television or communications systems lines or cables to all lots in the subdivision shall be installed underground in easements provided therefor.

This agreement shall be binding on the undersigned and assigns.

IN WITNESS WHEREOF, the said Wisconsin Gas Company, has caused these presents to be signed by Carl A. Lemmer, its' Manager of Real-Estate at \_\_\_\_\_ Wisconsin, on this 11 day of FEBRUARY, 1998.

In the Presence of:

The Wisconsin Gas Company

*Carl A. Lemmer*

Carl A. Lemmer, Manager of Real-Estate

STATE OF WISCONSIN)  
MILWAUKEE COUNTY )SS

7511509  
RECORD 22.00

Personally came before me this 11 day of February, 1998, the above named Carl A. Lemmer, Manager of Real-Estate, of the above named Corporation, to me known to be the person who executed the foregoing instrument and to me known to be such Manager of Real Estate of said Corporation and acknowledged that he executed the foregoing instrument as such representative of said Corporation by its authority.

*Mary E. Thomas*  
Notary Public, State of Wisconsin  
My Commission expires June 25, 2000

**7511509**

REGISTER'S OFFICE }  
Milwaukee County, WI } SS

RECORDED AT 12 10 PM

APR - 2 1998 949 TO 955

REEL 4278 IMAGE INCL.

*William J. Karpen* REGISTER  
OF DEEDS



REEL 4278 IMAG 955

DCD #1934

CERTIFIED SURVEY MAP NO. 6499

THAT PART OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31,  
TOWNSHIP 8 NORTH, RANGE 22 EAST, PARTLY IN THE CITIES OF MILWAUKEE AND GLENDALE,  
MILWAUKEE COUNTY, WISCONSIN.

**CERTIFICATE OF CITY TREASURER**  
STATE OF WISCONSIN)  
MILWAUKEE COUNTY )SS

I, Wayne F. Whittow, being the duly elected, qualified and acting City Treasurer of the City of Milwaukee, certify that in accordance with the records in the Office of the City Treasurer of the City of Milwaukee, there are no delinquent taxes and that the method of payment of any special assessments relating to the land included in this Certified Survey Map has been agreed upon between the owners and the City of Milwaukee.

Dated: February 24, 1998

Wayne F. Whittow  
Wayne F. Whittow, City Treasurer

**COMMON COUNCIL CERTIFICATE OF APPROVAL**

I certify that this Certified Survey Map was approved under Resolution File No. 971897  
adopted by the Common Council of the City of Milwaukee dated this 20th day of March  
1998.

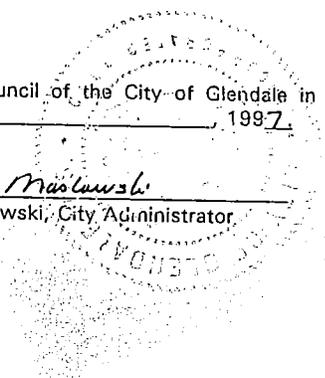
Ronald D. Leonhardt  
Ronald D. Leonhardt, City Clerk

John D. Norquist  
John Norquist, Mayor

**GLENDALE COMMON COUNCIL APPROVAL**

This Certified Survey Map is hereby approved by the Common Council of the City of Glendale in accordance with resolution adopted on this 8th day of December, 1997.

Richard E. Maslowski  
Richard E. Maslowski, City Administrator



OFF-SOURCE  
D  
PROPERTY

AFFIDAVIT OF CORRECTION

7567565

REEL 4353 IMAGE 2520

Document Number

Document Title

REGISTER'S OFFICE } SS  
Milwaukee County, WI }  
RECORDED AT -125 PM

JUL 20 1998 2520 To  
REEL 4353 IMAGE 2522 INC  
Walter G. Gengel REGISTER  
OF DEEDS

Recording Area

Name and Return Address

Fred W. Shibilski  
2554 N. 120th St.  
Wauwatosa, WI 53226

198-9938-112

Parcel Identification Number (PIN)

7567565 #  
RECORD 14.00

1400

This information must be completed by submitter: document title, name & return address, and PIN (if required). Other information such as the granting clauses, legal description, etc. may be placed on this first page of the document or may be placed on additional pages of the document. Note: Use of this cover page adds one page to your document and \$2.00 to the recording fee. Wisconsin Statutes, 59.517. WRDA 2/96

CERTIFIED SURVEY MAP NO. 3477

THAT PART OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 31, TOWNSHIP 8 NORTH, RANGE 22 EAST, PARTLY IN THE CITIES OF MILWAUKEE AND GLENDALE, MILWAUKEE COUNTY, WISCONSIN.

**SURVEYOR'S CERTIFICATE**  
STATE OF WISCONSIN)  
MILWAUKEE COUNTY)SS

I, Frederick W. Shibiiski, a registered land surveyor do hereby certify:

That I have surveyed, divided and mapped that part of the Northeast 1/4 and the Northwest 1/4 of the Northeast 1/4 of Section 31, Township 8 North, Range 22 East, partly in the Cities of Milwaukee and Glendale, Milwaukee County, Wisconsin, bounded and described as follows: Commencing at the Northeast corner of the Northeast 1/4 of Section 31; thence South 89° 59' 27" West along the North line of said 1/4 Section 1832.83 feet, thence South 00° 00' 33" East, 62.00 feet to a point on the Southerly right-of-way line of West Silver Spring Drive and the point of beginning of the land to be described; thence North 89° 20' 17" East along said right-of-way line (recorded as North 89° 38' 15" East, 175.60 feet), 168.62 feet; thence South 85° 16' 31" East along said right-of-way line (recorded as South 85° 15' 58" East), 245.92 feet to a point of curvature; thence Southeasterly 96.12 feet along said right-of-way line, said line being the arc of a curve having a radius of 2,048.00 feet, its' centerpoint to the Northeast, a central angle of 02° 41' 21" and a long chord that bears South 86° 24' 04" East, 96.12 feet; thence South 49° 03' 12" East (recorded as South 49° 01' 21" East), parallel to the Southwesterly right-of-way line of the Union Pacific Railroad Company, 486.26 feet; thence North 40° 56' 48" East (recorded as North 40° 58' 39" East), perpendicular to said right-of-way line 15.00 feet; thence South 49° 03' 12" East (recorded as South 49° 01' 21" East), parallel to said right-of-way line 230.00 feet; thence South 40° 56' 48" West (recorded as South 40° 58' 39" West), perpendicular to said right-of-way line, 26.00 feet, thence South 49° 03' 12" East (recorded as South 49° 01' 21" East), parallel to said right-of-way line, 520.00 feet; thence North 40° 56' 48" East (recorded as North 40° 58' 39" East), perpendicular to said right-of-way line, 1.43 feet; thence South 49° 11' 03" East, parallel to and to 10.00 feet Northeasterly of the centerline of an existing spur track, 57.47 feet to a point of curvature; thence Southeasterly 177.98 feet along said line, said line being the arc of a curve with a radius of 800.48 feet, its' centerpoint to the Northeast, a central angle of 12° 44' 22" and a long chord bearing South 55° 33' 14" East, 177.62 feet to a point on the West line of Certified Survey Map No. 2574; thence South 00° 15' 56" East along said West line 251.12 feet to a point on the North right-of-way line of West Custer Avenue; thence South 89° 44' 04" West (recorded as North 89° 59' 00" West), along said North line, 1705.34 feet to a point on the Easterly right-of-way line of North Green Bay Avenue; thence North 11° 18' 48" West (recorded as North 11° 01' 00" West), along said Easterly line, 552.85 feet; thence North 09° 47' 38" West (recorded as North 09° 29' 50" West) along said Easterly line, 128.78 feet; thence North 12° 59' 58" West (recorded as North 12° 42' 10" West), along said Easterly line, 84.11 feet; thence North 80° 52' 12" East (recorded as 09° 10' 00" East), along said Easterly line, 47.86 feet; thence North 29° 20' 37" East (recorded as North 29° 38' 25" East), along said Easterly line, 44.86 feet; thence North 42° 00' 47" East (recorded as North 42° 18' 35" East), along said Easterly line, 137.54 feet; thence North 00° 00' 33" West (recorded as North 00° 17' 15" East), along said Easterly line, 143.24 feet; thence North 89° 59' 27" East (recorded as South 89° 42' 45" East), 104.98 feet; thence North 00° 00' 33" West (recorded as North 00° 17' 15" East), 156.00 feet to the point of beginning. Containing 1,595,969.72 square feet (36.638 acres) of land.

That I have made such survey, land division and map by the direction of the Wisconsin Gas Company, owner of said land.

That such map is a correct representation of all the exterior boundary of the land surveyed and the land division thereof made.

That I have fully complied with Chapter 236 of the Wisconsin State Statutes and Chapter 119 of the Milwaukee Code and the Land Division Regulations of the City of Glendale in surveying, dividing and mapping the same.

Dated this 17th day of November, 1997.



*Frederick W. Shibiiski*  
Frederick W. Shibiiski S-1154  
Wisconsin Registered Land Surveyor

AFFIDAVIT OF CORRECTION  
FOR  
CERTIFIED SURVEY MAP NO. 6499

STATE OF WISCONSIN )  
MILWAUKEE COUNTY )SS

I, Frederick W. Shibilski, Registered Land Surveyor, being first duly sworn, on oath depose and states the following:

This document is written to make the following corrections to Pages 1, 4 and 5 of the map as recorded on Reel 4278 Image 949 as Document No. 7511509 and Map No. 6499.

Page 1:

The dimension along the North line of the Northeast 1/4 of Section 31, Town 8 North, Range 22 East that reads 1832.83' is corrected to read 1832.35'.

The dimension along the North line of the Northeast 1/4 Section 31, Town 8 North, Range 22 East, that reads 814.50' is corrected to read 814.98'.

The dimension along the North line of Parcel 1 that reads 168.62' is corrected to read 168.14'.

The dimension along the line of Parcel 1 that reads 104.98' is corrected to read 105.46'.

The square footage of Parcel 1 is corrected to read 341,370.52'(7.837 acres).

Page 4:

The dimension along the North line of Parcel 1 that reads 168.62' is corrected to read 168.14'.

The dimension along the line of Parcel 1 that reads 104.98' is corrected to read 105.46'.

Page 5:

In line 5 of the Surveyors Certificate the dimension that reads 1832.83 feet is corrected to read 1832.35 feet.

In line 7 of the Surveyors Certificate the dimension that reads 168.62 feet is corrected to read 168.14 feet.

In line 33 of the Surveyors Certificate the dimension that reads 104.98 feet is corrected to read 105.46 feet.

In line 34 of the Surveyors Certificate the square footage that reads 1,595,969.72 square feet (36.637 acres).

Dated this 20th day of July, 1998.

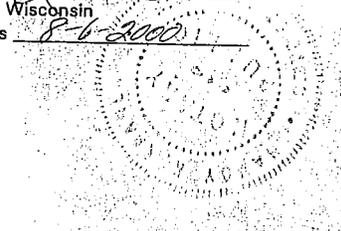


*Frederick W. Shibilski*  
Frederick W. Shibilski S-1154  
Wisconsin Registered Land Surveyor

STATE OF WISCONSIN )  
COUNTY OF MILWAUKEE )SS

Personally came before me this 20 day of July, 1998, the above named Frederick W. Shibilski, to me known to be the person who executed the foregoing instrument and acknowledged the same.

*Samuel R. Hanner*  
Notary Public, State of Wisconsin  
My Commission expires 8-6-2000



**ARCADIS***Infrastructure, environment, facilities*

Susanne M. Hanaman  
City Clerk  
5909 North Milwaukee River Parkway  
Glendale, Wisconsin 53209

**Subject:**

Notification of Residual Groundwater Contamination, Crestwood Site, Glendale, Wisconsin.

BRRTS # 02-41-184990

FID # 241958310

Dear Ms. Hanaman:

ARCADIS has completed the remediation of soil and groundwater impacts associated with the former businesses located at 5630-5666 North Green Bay and 1720-1800 Silver Spring. The remediation activities satisfy the requirements of NR 726, Wis. Adm. Code. Analytical results from the site monitoring wells (Figure 1), suggest that groundwater containing chlorinated compounds at concentrations exceeding the ch. NR 140, Wis. Adm. Code Enforcement Standard may extend into the adjacent right-of-way of Silver Spring Drive. These residual chlorinated compounds will be addressed through natural attenuation.

The purpose of this letter is to provide the city of Glendale with written notification of the potential impacts of chlorinated compounds in the groundwater beneath the right-of-way of Silver Spring Drive, Glendale, Wisconsin. This written notification is being provided to satisfy s. NR 726.05(2)(a)4, Wis. Adm. Code. If you have any questions, please contact the undersigned at 414-277-6213.

Sincerely,

ARCADIS U.S., Inc.

A handwritten signature in black ink, appearing to read "Michael S. Maierle".

Michael S. Maierle, PE  
Project Manager

**Copies:**

Dave Eastman, Glendale Director of Public Works

Imagine the result

ARCADIS U.S., Inc.  
126 N. Jefferson Street, Suite 400  
Milwaukee, WI 53202  
Tel 414 276 7742  
Fax 414 276 7603  
www.arcadis-us.com

ENVIRONMENT

**Date:**

1 March 2007

**Contact:**

Mike Maierle

**Phone:**

414-277-6213

**Email:**

mmaierle@arcadis-us.com

**Our ref:**

WI000794.0002